


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER GMBU P-34-8-17					
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT MONUMENT BUTTE					
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)					
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825					
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-77234			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
20. LOCATION OF WELL	FOOTAGES		QTR-QTR		SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE	700 FSL 980 FEL		SESE		33	8.0 S	17.0 E	S			
Top of Uppermost Producing Zone	1082 FSL 352 FEL		SESE		33	8.0 S	17.0 E	S			
At Total Depth	1435 FSL 275 FWL		NWSW		34	8.0 S	17.0 E	S			
21. COUNTY DUCESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 275			23. NUMBER OF ACRES IN DRILLING UNIT 20					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 919			26. PROPOSED DEPTH MD: 6412 TVD: 6215					
27. ELEVATION - GROUND LEVEL 5134			28. BOND NUMBER WYB000493			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478					
Hole, Casing, and Cement Information											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight	
Surf	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8	
Prod	7.875	5.5	0 - 6412	15.5	J-55 LT&C	8.3	Premium Lite High Strength	305	3.26	11.0	
							50/50 Poz	363	1.24	14.3	
ATTACHMENTS											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
NAME Mandie Crozier				TITLE Regulatory Tech				PHONE 435 646-4825			
SIGNATURE				DATE 10/26/2011				EMAIL mcrozier@newfield.com			
API NUMBER ASSIGNED 43013510280000				APPROVAL  Permit Manager							

RECEIVED: November 03, 2011

NEWFIELD PRODUCTION COMPANY
GMBU P-34-8-17
AT SURFACE: SE/SE SECTION 33, T8S, R17E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1520'
Green River	1520'
Wasatch	6195'
Proposed TD	6412'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1520' – 6195'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. Casing Design: GMBU P-34-8-17

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,412'	15.5	J-55	LTC	4,810 2.36	4,040 1.98	217,000 2.18

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: GMBU P-34-8-17

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	4,412'	Prem Lite II w/ 10% gel + 3% KCl	305 994	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ± 300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

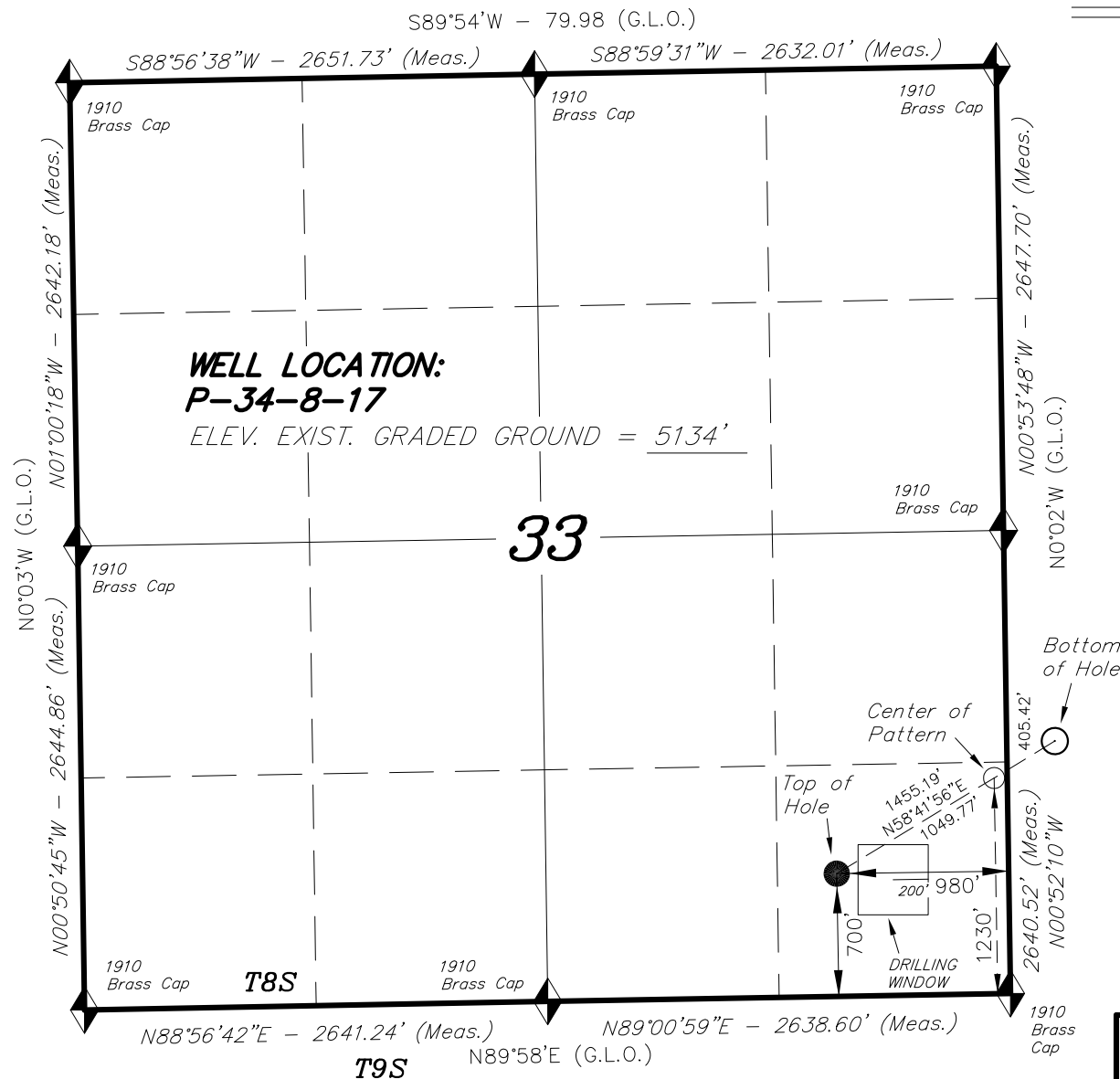
bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

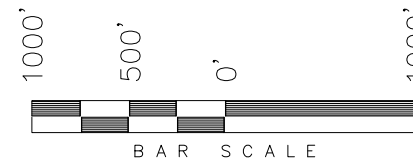
It is anticipated that the drilling operations will commence the second quarter of 2012, and take approximately seven (7) days from spud to rig release.

T8S, R17E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY



WELL LOCATION, P-34-8-17, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 33, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Center of Pattern footages are 1230' FSL & 75' FEL.

SECTION CORNERS LOCATED

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD RECORDS OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 00837
 STATE OF UTAH

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

P-34-8-17
(Surface Location) NAD 83
 LATITUDE = 40° 04' 08.78"
 LONGITUDE = 110° 00' 20.23"

TRI STATE LAND SURVEYING & CONSULTING
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 01-27-11	SURVEYED BY: D.G.	VERSION:
DATE DRAWN: 02-25-11	DRAWN BY: F.T.M.	V1
REVISED:	SCALE: 1" = 1000'	

RECEIVED: October 26, 2011

T8S, R17E, S.L.B.&M.

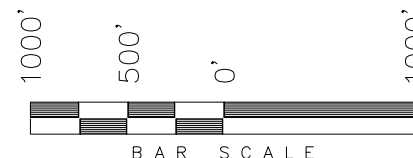
NEWFIELD EXPLORATION COMPANY

N89°59'W - 80.02 (G.L.O.)

S89°09'07"W - 2644.55' (Meas.)

S89°11'52"W - 2643.60' (Meas.)

TARGET BOTTOM HOLE, P-34-8-17,
LOCATED AS SHOWN IN THE NW 1/4
SW 1/4 OF SECTION 34, T8S, R17E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



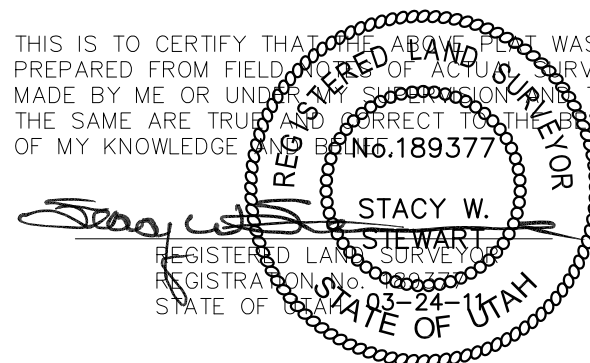
NOTES:

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2. Bearings are based on Global Positioning Satellite observations.



= SECTION CORNERS LOCATED

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.



34

TARGET BOTTOM HOLE:
P-34-8-17

Bottom
of Hole

275'

405.42'

1435'

1455.19'
N58°41'50"E
1049.77'

Center of
Pattern

1910
Brass Cap

N89°01'56"E - 2641.93' (Meas.)

N89°58'E (G.L.O.)

N88°17'42"E - 2637.22' (Meas.)

T8S

T9S

1910
Brass Cap

N00°44'12"W - 2621.77' (Meas.)

N0°01'W (G.L.O.)

N00°49'35"W - 2619.38' (Meas.)

1910
Brass Cap

1910
Brass Cap

N00°52'10"W N0°02'W (G.L.O.)

N00°53'48"W - 2647.70' (Meas.)

BASIS OF ELEV; Elevations are based on
an N.G.S. OPUS Correction. LOCATION:
LAT. 40°04'09.56" LONG. 110°00'43.28"
(Tristate Aluminum Cap) Elev. 5281.57'

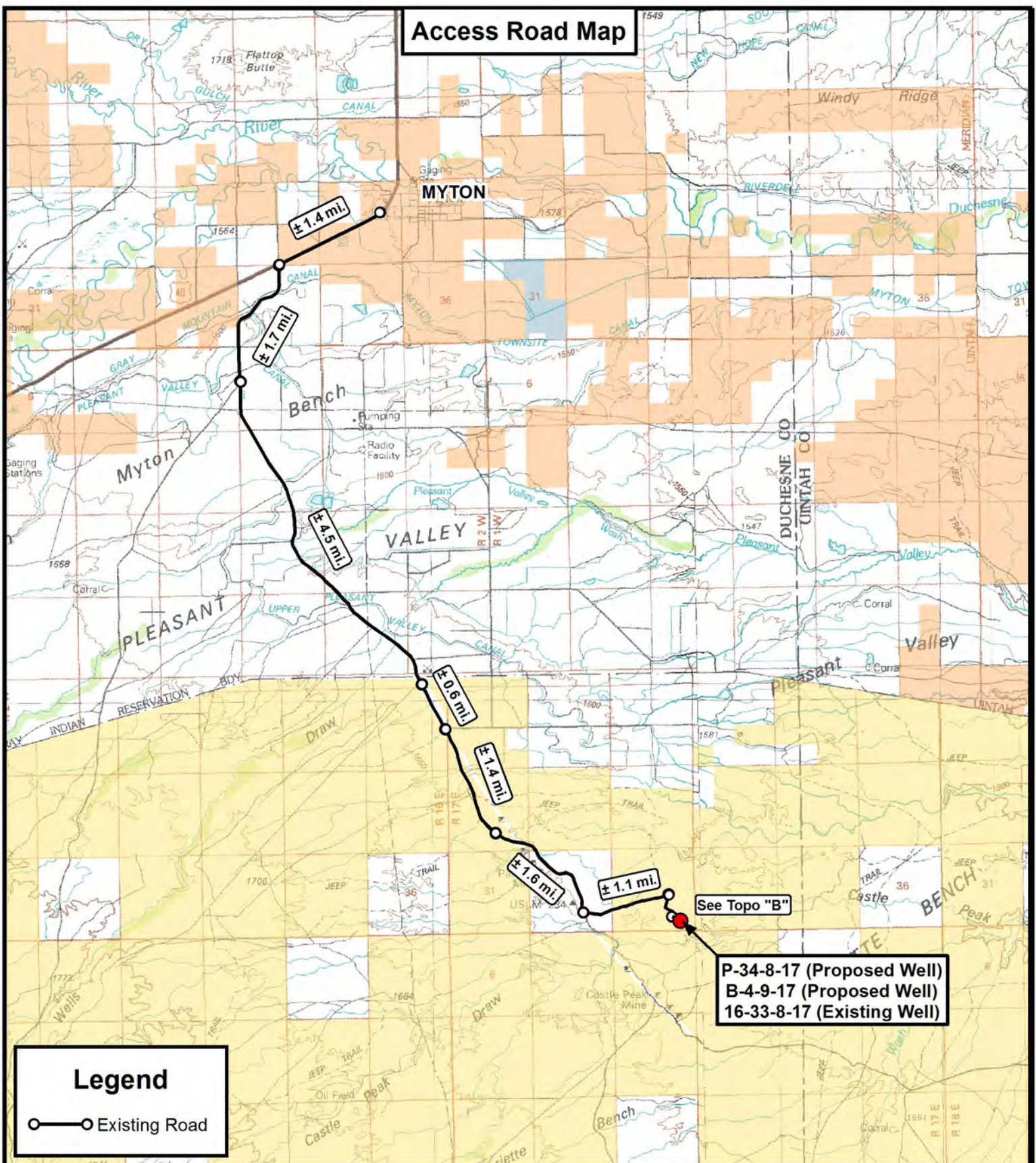
TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 01-27-11	SURVEYED BY: D.G.	VERSION:
DATE DRAWN: 02-25-11	DRAWN BY: F.T.M.	V1
REVISED:	SCALE: 1" = 1000'	

RECEIVED: October 26, 2011

Access Road Map



180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	03-23-2011		V1
SCALE:	1:100,000		

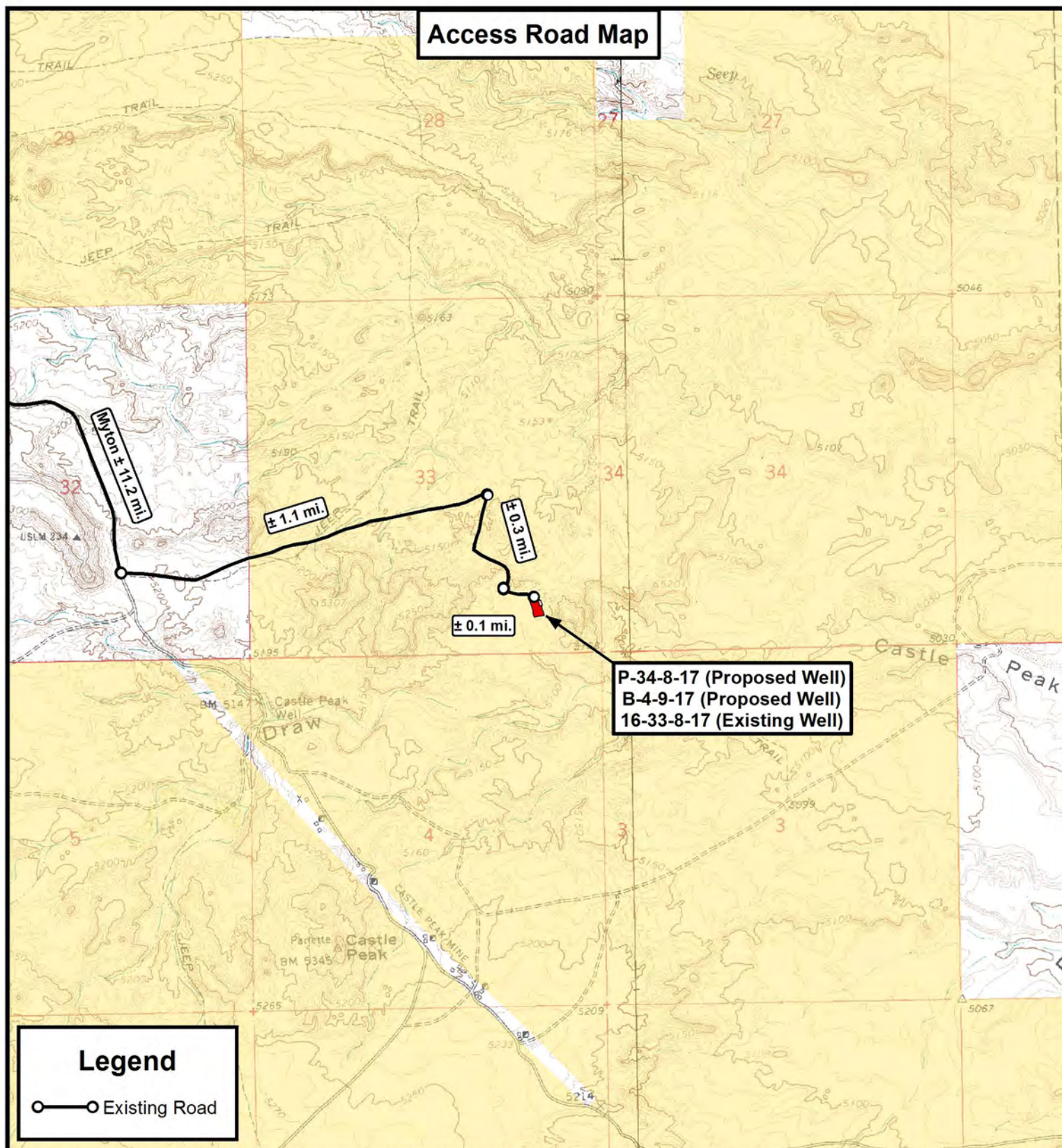
**NEWFIELD EXPLORATION COMPANY**

P-34-8-17 (Proposed Well)
 B-4-9-17 (Proposed Well)
 16-33-8-17 (Existing Well)
 SEC. 33, T8S, R17E, S.L.B.&M. Duchesne County, UT.

TOPOGRAPHIC MAP

SHEET

A



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



180 NORTH VERNAL AVE. VERNAL, UTAH 84078

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NEWFIELD EXPLORATION COMPANY

P-34-8-17 (Proposed Well)
 B-4-9-17 (Proposed Well)
 16-33-8-17 (Existing Well)
 SEC. 33, T8S, R17E, S.L.B.&M. Duchesne County, UT.

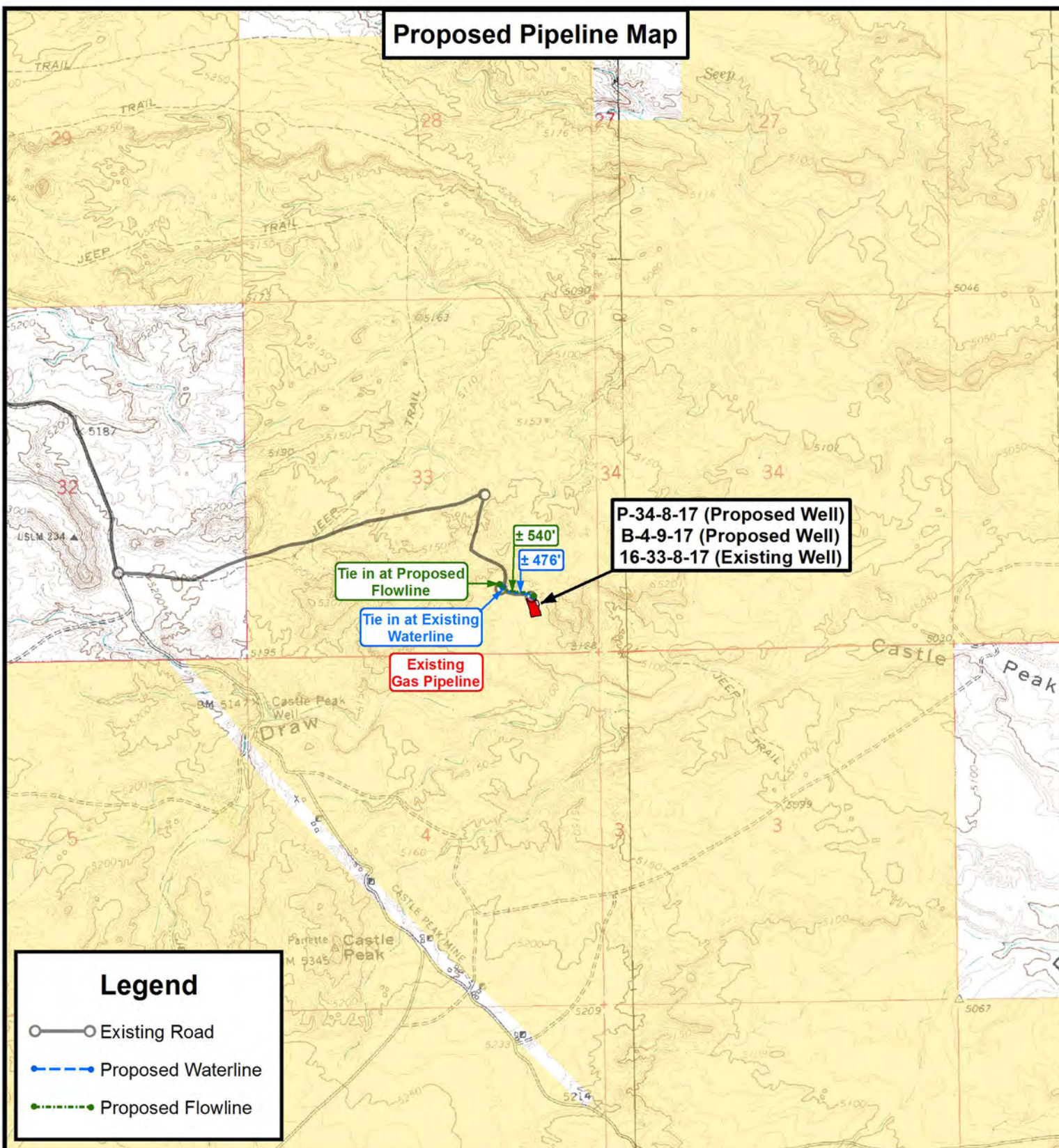
DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	03-23-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

B

Proposed Pipeline Map



Legend

- Existing Road
- Proposed Waterline
- Proposed Flowline

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180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

P-34-8-17 (Proposed Well)
B-4-9-17 (Proposed Well)
16-33-8-17 (Existing Well)
SEC. 33, T8S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	03-23-2011		V1
SCALE:	1" = 2,000'		

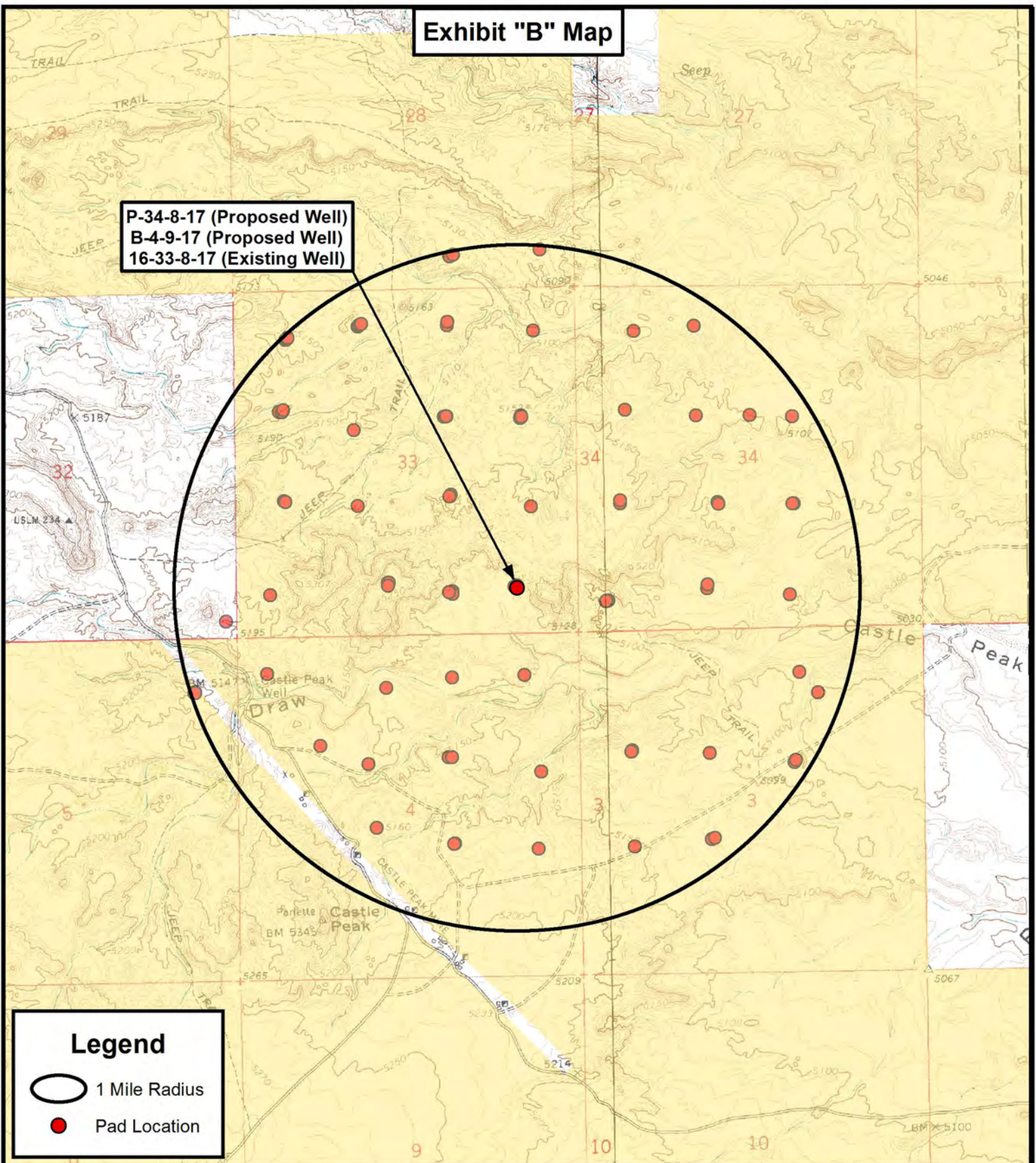
TOPOGRAPHIC MAP

SHEET

C

Exhibit "B" Map

P-34-8-17 (Proposed Well)
 B-4-9-17 (Proposed Well)
 16-33-8-17 (Existing Well)



Tri State
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
 F: (435) 781-2518

**NEWFIELD EXPLORATION COMPANY**

P-34-8-17 (Proposed Well)
 B-4-9-17 (Proposed Well)
 16-33-8-17 (Existing Well)
 SEC. 33, T8S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	03-23-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

D



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 33 T8S R17E
P-34-8-17**

Wellbore #1

Plan: Design #1

Standard Planning Report

19 October, 2011



Payzone Directional

Planning Report

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well P-34-8-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	P-34-8-17 @ 5146.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	P-34-8-17 @ 5146.0ft (Newfield Rig)
Site:	SECTION 33 T8S R17E	North Reference:	True
Well:	P-34-8-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site						SECTION 33 T8S R17E, SEC 33 T8S, R17E											
Site Position:			Northing:			7,200,000.00 ft			Latitude:			40° 4' 34.680 N					
From:			Lat/Long			Easting:			2,058,000.00 ft			Longitude:			110° 0' 27.466 W		
Position Uncertainty:			0.0 ft			Slot Radius:			"			Grid Convergence:			0.96 °		

Well	P-34-8-17, SHL LAT: 40 04 08.78 LONG: -110 00 20.23					
Well Position	+N/-S	-2,620.6 ft	Northing:	7,197,389.13 ft	Latitude:	40° 4' 8.780 N
	+E/-W	562.5 ft	Easting:	2,058,606.18 ft	Longitude:	110° 0' 20.230 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,146.0 ft	Ground Level:	5,134.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/21/2011	11.33	65.83	52,325

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	58.70

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,666.0	15.99	58.70	1,652.2	76.8	126.3	1.50	1.50	0.00	58.70	
4,940.5	15.99	58.70	4,800.0	545.4	897.0	0.00	0.00	0.00	0.00	P-34-8-17 TGT
6,412.4	15.99	58.70	6,215.0	756.1	1,243.4	0.00	0.00	0.00	0.00	



Payzone Directional Planning Report

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well P-34-8-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	P-34-8-17 @ 5146.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	P-34-8-17 @ 5146.0ft (Newfield Rig)
Site:	SECTION 33 T8S R17E	North Reference:	True
Well:	P-34-8-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	58.70	700.0	0.7	1.1	1.3	1.50	1.50	0.00
800.0	3.00	58.70	799.9	2.7	4.5	5.2	1.50	1.50	0.00
900.0	4.50	58.70	899.7	6.1	10.1	11.8	1.50	1.50	0.00
1,000.0	6.00	58.70	999.3	10.9	17.9	20.9	1.50	1.50	0.00
1,100.0	7.50	58.70	1,098.6	17.0	27.9	32.7	1.50	1.50	0.00
1,200.0	9.00	58.70	1,197.5	24.4	40.2	47.0	1.50	1.50	0.00
1,300.0	10.50	58.70	1,296.1	33.2	54.7	64.0	1.50	1.50	0.00
1,400.0	12.00	58.70	1,394.2	43.4	71.3	83.5	1.50	1.50	0.00
1,500.0	13.50	58.70	1,491.7	54.8	90.2	105.5	1.50	1.50	0.00
1,600.0	15.00	58.70	1,588.6	67.6	111.2	130.2	1.50	1.50	0.00
1,666.0	15.99	58.70	1,652.2	76.8	126.3	147.8	1.50	1.50	0.00
1,700.0	15.99	58.70	1,684.9	81.6	134.3	157.2	0.00	0.00	0.00
1,800.0	15.99	58.70	1,781.0	96.0	157.8	184.7	0.00	0.00	0.00
1,900.0	15.99	58.70	1,877.2	110.3	181.4	212.2	0.00	0.00	0.00
2,000.0	15.99	58.70	1,973.3	124.6	204.9	239.8	0.00	0.00	0.00
2,100.0	15.99	58.70	2,069.4	138.9	228.4	267.3	0.00	0.00	0.00
2,200.0	15.99	58.70	2,165.6	153.2	252.0	294.9	0.00	0.00	0.00
2,300.0	15.99	58.70	2,261.7	167.5	275.5	322.4	0.00	0.00	0.00
2,400.0	15.99	58.70	2,357.8	181.8	299.0	350.0	0.00	0.00	0.00
2,500.0	15.99	58.70	2,454.0	196.1	322.6	377.5	0.00	0.00	0.00
2,600.0	15.99	58.70	2,550.1	210.4	346.1	405.1	0.00	0.00	0.00
2,700.0	15.99	58.70	2,646.2	224.8	369.6	432.6	0.00	0.00	0.00
2,800.0	15.99	58.70	2,742.3	239.1	393.2	460.2	0.00	0.00	0.00
2,900.0	15.99	58.70	2,838.5	253.4	416.7	487.7	0.00	0.00	0.00
3,000.0	15.99	58.70	2,934.6	267.7	440.3	515.3	0.00	0.00	0.00
3,100.0	15.99	58.70	3,030.7	282.0	463.8	542.8	0.00	0.00	0.00
3,200.0	15.99	58.70	3,126.9	296.3	487.3	570.3	0.00	0.00	0.00
3,300.0	15.99	58.70	3,223.0	310.6	510.9	597.9	0.00	0.00	0.00
3,400.0	15.99	58.70	3,319.1	324.9	534.4	625.4	0.00	0.00	0.00
3,500.0	15.99	58.70	3,415.3	339.3	557.9	653.0	0.00	0.00	0.00
3,600.0	15.99	58.70	3,511.4	353.6	581.5	680.5	0.00	0.00	0.00
3,700.0	15.99	58.70	3,607.5	367.9	605.0	708.1	0.00	0.00	0.00
3,800.0	15.99	58.70	3,703.7	382.2	628.5	735.6	0.00	0.00	0.00
3,900.0	15.99	58.70	3,799.8	396.5	652.1	763.2	0.00	0.00	0.00
4,000.0	15.99	58.70	3,895.9	410.8	675.6	790.7	0.00	0.00	0.00
4,100.0	15.99	58.70	3,992.1	425.1	699.2	818.3	0.00	0.00	0.00
4,200.0	15.99	58.70	4,088.2	439.4	722.7	845.8	0.00	0.00	0.00
4,300.0	15.99	58.70	4,184.3	453.7	746.2	873.4	0.00	0.00	0.00
4,400.0	15.99	58.70	4,280.4	468.1	769.8	900.9	0.00	0.00	0.00
4,500.0	15.99	58.70	4,376.6	482.4	793.3	928.4	0.00	0.00	0.00
4,600.0	15.99	58.70	4,472.7	496.7	816.8	956.0	0.00	0.00	0.00
4,700.0	15.99	58.70	4,568.8	511.0	840.4	983.5	0.00	0.00	0.00
4,800.0	15.99	58.70	4,665.0	525.3	863.9	1,011.1	0.00	0.00	0.00
4,900.0	15.99	58.70	4,761.1	539.6	887.5	1,038.6	0.00	0.00	0.00
4,940.5	15.99	58.70	4,800.0	545.4	897.0	1,049.8	0.00	0.00	0.00
5,000.0	15.99	58.70	4,857.2	553.9	911.0	1,066.2	0.00	0.00	0.00
5,100.0	15.99	58.70	4,953.4	568.2	934.5	1,093.7	0.00	0.00	0.00



Payzone Directional

Planning Report

Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well P-34-8-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	P-34-8-17 @ 5146.0ft (Newfield Rig)
Project:	USGS Myton SW (UT)	MD Reference:	P-34-8-17 @ 5146.0ft (Newfield Rig)
Site:	SECTION 33 T8S R17E	North Reference:	True
Well:	P-34-8-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

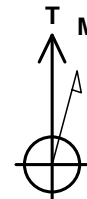
Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,200.0	15.99	58.70	5,049.5	582.5	958.1	1,121.3	0.00	0.00	0.00	
5,300.0	15.99	58.70	5,145.6	596.9	981.6	1,148.8	0.00	0.00	0.00	
5,400.0	15.99	58.70	5,241.8	611.2	1,005.1	1,176.4	0.00	0.00	0.00	
5,500.0	15.99	58.70	5,337.9	625.5	1,028.7	1,203.9	0.00	0.00	0.00	
5,600.0	15.99	58.70	5,434.0	639.8	1,052.2	1,231.5	0.00	0.00	0.00	
5,700.0	15.99	58.70	5,530.1	654.1	1,075.7	1,259.0	0.00	0.00	0.00	
5,800.0	15.99	58.70	5,626.3	668.4	1,099.3	1,286.5	0.00	0.00	0.00	
5,900.0	15.99	58.70	5,722.4	682.7	1,122.8	1,314.1	0.00	0.00	0.00	
6,000.0	15.99	58.70	5,818.5	697.0	1,146.4	1,341.6	0.00	0.00	0.00	
6,100.0	15.99	58.70	5,914.7	711.3	1,169.9	1,369.2	0.00	0.00	0.00	
6,200.0	15.99	58.70	6,010.8	725.7	1,193.4	1,396.7	0.00	0.00	0.00	
6,300.0	15.99	58.70	6,106.9	740.0	1,217.0	1,424.3	0.00	0.00	0.00	
6,400.0	15.99	58.70	6,203.1	754.3	1,240.5	1,451.8	0.00	0.00	0.00	
6,412.4	15.99	58.70	6,215.0	756.1	1,243.4	1,455.2	0.00	0.00	0.00	

Targets										
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
P-34-8-17 TGT - plan hits target center - Circle (radius 75.0)	0.00	0.00	4,800.0	545.4	897.0	7,197,949.44	2,059,493.91	40° 4' 14.170 N	110° 0' 8.691 W	

API Well Number: 43013510280000



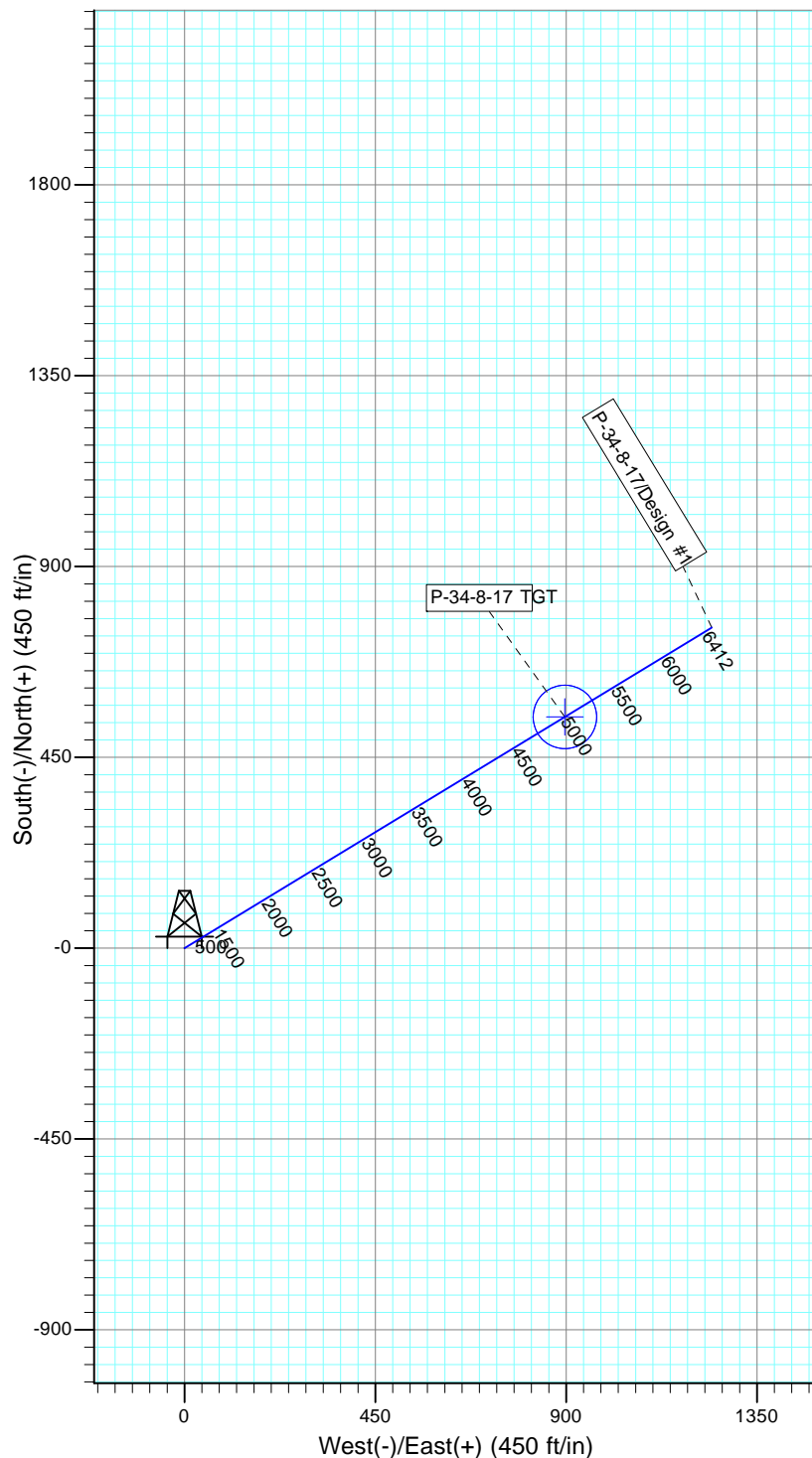
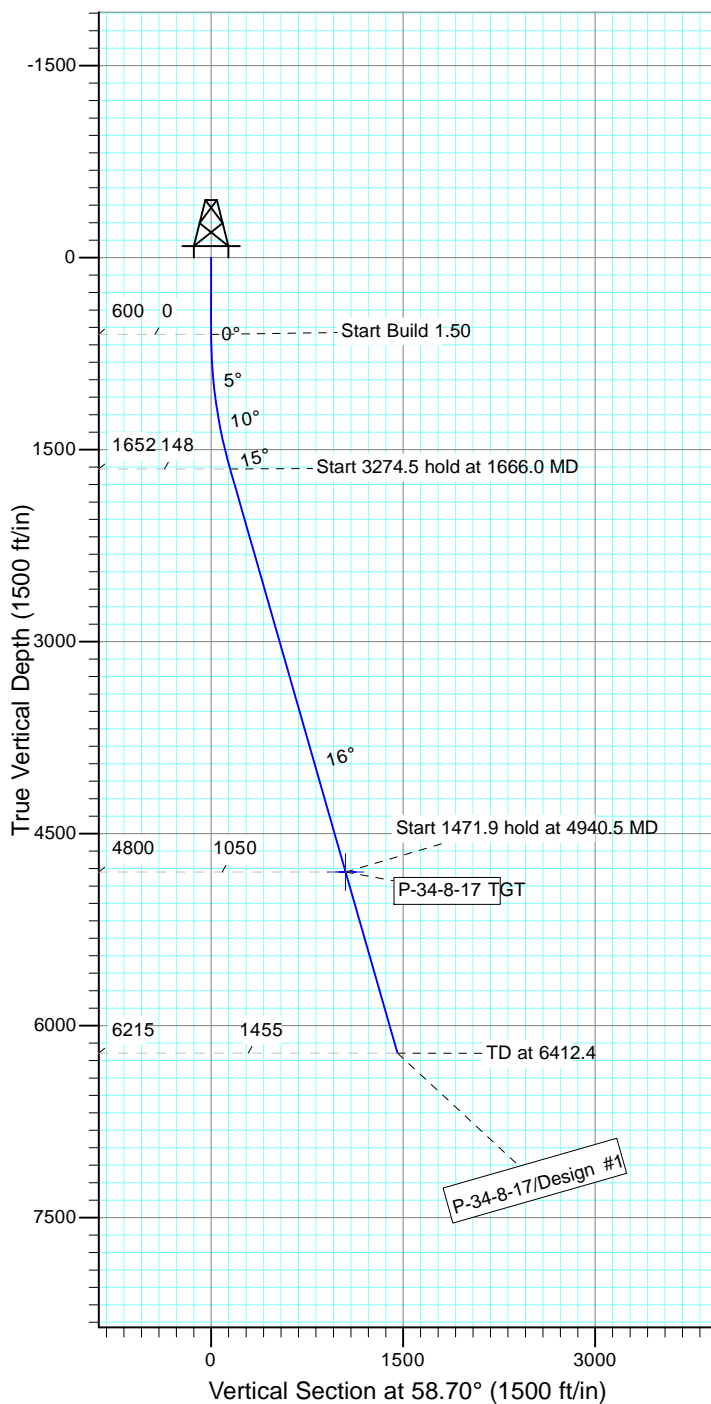
Project: USGS Myton SW (UT)
 Site: SECTION 33 T8S R17E
 Well: P-34-8-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.33°

Magnetic Field
 Strength: 52325.5snT
 Dip Angle: 65.83°
 Date: 2/21/2011
 Model: IGRF2010

KOP @ 600'
 DOGLEG RATE 1.5 DEG/100
 TARGET RADIUS IS 75'



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
P-34-8-17 TGT	4800.0	545.4	897.0	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1666.0	15.99	58.70	1652.2	76.8	126.3	1.50	58.70	147.8	
4	4940.5	15.99	58.70	4800.0	545.4	897.0	0.00	0.00	1049.8	P-34-8-17 TGT
5	6412.4	15.99	58.70	6215.0	756.1	1243.4	0.00	0.00	1455.2	



**NEWFIELD PRODUCTION COMPANY
GMBU P-34-8-17
AT SURFACE: SE/SE SECTION 33, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU P-34-8-17 located in the SE 1/4 SE 1/4 Section 33, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 – 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed in a southeasterly direction – 8.2 miles \pm to it's junction with an existing road to the southeast; proceed in a southeasterly direction – 1.6 miles \pm to it's junction with an existing road to the east; proceed in a northeasterly direction – 1.1 \pm to it's junction with an existing road to the southwest; proceed in a southwesterly direction – 0.3 \pm to it's junction with an existing road to the east; proceed in a easterly direction – 0.1 \pm to the existing 16-33-8-17 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 16-33-8-17 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. **PLANS FOR RESTORATION OF SURFACE:**

- a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

- b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP** – Bureau of Land Management.

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. State of Utah Antiquities Project Permit # U-11-MQ-0418b 6/29/11, prepared by Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, Wade E. Miller, 5/8/03. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 476' of buried water line to be granted.

It is proposed that the disturbed area will be 30' wide to allow for construction of a proposed buried 10" steel water injection line, a buried 3" poly water return line, and a 14" surface flow line. Both the proposed surface flow line and buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. If possible, all proposed surface flow lines will be installed on the same side of the road as existing gas lines. The construction phase of the proposed water lines and proposed flow line will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice 3160-5 form will be applied for through the Bureau of Land Management field office.

For a ROW plan of development, please refer to the Greater Monument Butte Green River Development SOP and as well as the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

Surface Flow Line

Newfield requests 540' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "C"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

Clearing and Grading: No clearing or grading of the ROW will be required. The centerline of the proposed route will be staked prior to installation. Flow lines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated. If necessary, temporary use or construction/storage areas will be identified on a topographic map included in the approved permit.

Installation: The proposed flow lines will be installed 4-6" above the ground. For portions along existing two-track and primary access roads, lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country (not along existing or proposed roads), travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.

Termination and Final Reclamation: After abandonment of the associated production facilities, the flow lines will be cut and removed, and any incidental surface disturbance reclaimed. Reclamation procedures will follow those outlined in the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Details of the On-Site Inspection

The proposed GMBU P-34-8-17 was on-sited on 9/8/11. The following were present; Tim Eaton (Newfield Production), Christine Cimiluca (Bureau of Land Management), and Aaron Roe (Bureau of Land Management).

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU P-34-8-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU P-34-8-17, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**
Representative

Name: Tim Eaton

Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

Telephone: (435) 646-3721

Certification

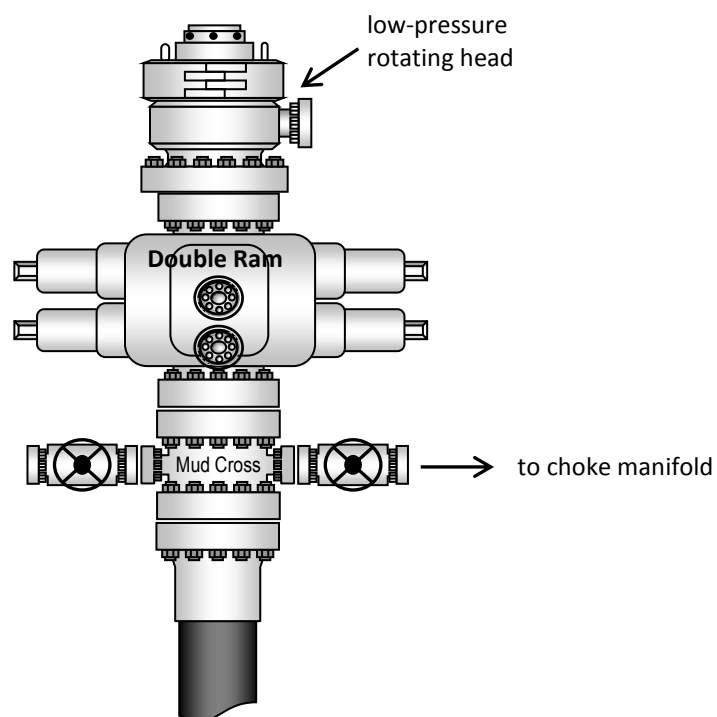
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #P-34-8-17, Section 33, Township 8S, Range 17E: Lease UTU-77234 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

10/25/11
Date

Mandie Crozier
Regulatory Analyst
Newfield Production Company

Typical 2M BOP stack configuration



NEWFIELD EXPLORATION COMPANY**WELL PAD INTERFERENCE PLAT****P-34-8-17 (Proposed Well)****B-4-9-17 (Proposed Well)****16-33-8-17 (Existing Well)****Pad Location: SESE Section 33, T8S, R17E, S.L.B.&M.****TOP HOLE FOOTAGES**P-34-8-17 (PROPOSED)
700' FSL & 980' FELB-4-9-17 (PROPOSED)
711' FSL & 999' FEL**CENTER OF PATTERN FOOTAGES**P-34-8-17 (PROPOSED)
1230' FSL & 75' FELB-4-9-17 (PROPOSED)
45' FNL & 1330' FEL**BOTTOM HOLE FOOTAGES**P-34-8-17 (PROPOSED)
1435' FSL & 275' FWLB-4-9-17 (PROPOSED)
265' FNL & 1426' FEL**RELATIVE COORDINATES
From Top Hole to C.O.P.**

WELL	NORTH	EAST
P-34-8-17	545'	897'
B-4-9-17	-761'	-320'

**RELATIVE COORDINATES
From Top Hole to Bottom Hole**

WELL	NORTH	EAST
P-34-8-17	756'	1243'
B-4-9-17	-982'	-413'

Note:
Bearings are
based on GPS
Observations.

**LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)**

WELL	LATITUDE	LONGITUDE
P-34-8-17	40° 04' 08.78"	110° 00' 20.23"
B-4-9-17	40° 04' 08.89"	110° 00' 20.47"
16-33-8-17	40° 04' 08.68"	110° 00' 19.99"

SURVEYED BY: D.G.	DATE SURVEYED: 01-27-11	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 02-25-11	V1
SCALE: 1" = 50'	REVISED:	

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: October 26, 2011

NEWFIELD EXPLORATION COMPANY

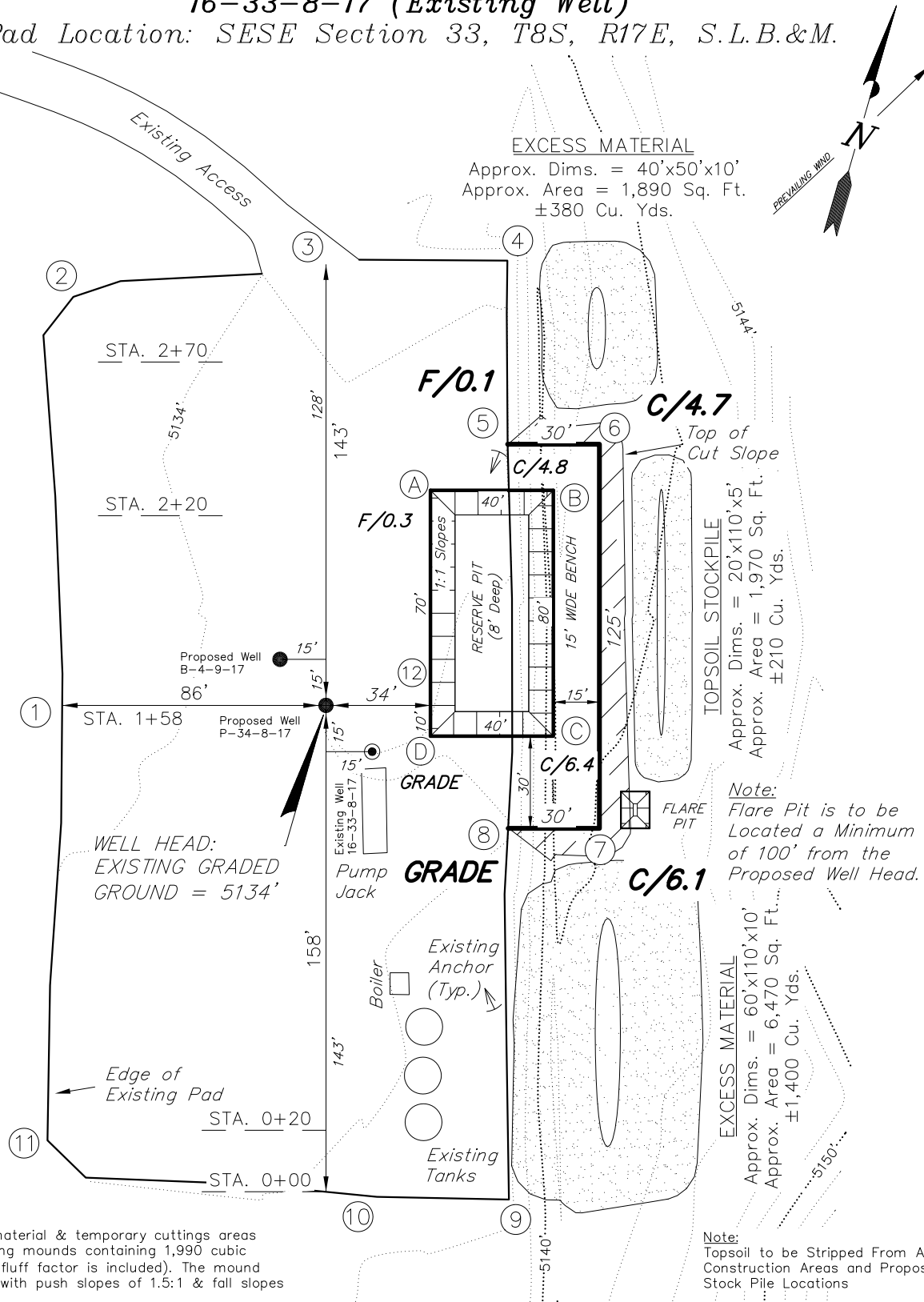
LOCATION LAYOUT

P-34-8-17 (Proposed Well)

B-4-9-17 (Proposed Well)

16-33-8-17 (Existing Well)

Pad Location: SESE Section 33, T8S, R17E, S.L.B.&M.



NOTE:

The topsoil, excess material & temporary cuttings areas are calculated as being mounds containing 1,990 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

Note:

Topsoil to be Stripped From All New Construction Areas and Proposed Stock Pile Locations

SURVEYED BY: D.G.	DATE SURVEYED: 01-27-11	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 02-25-11	V1
SCALE: 1" = 50'	REVISED:	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: October 26, 2011

NEWFIELD EXPLORATION COMPANY

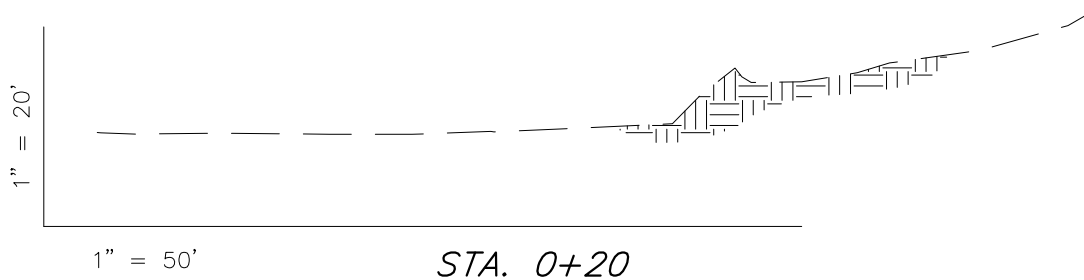
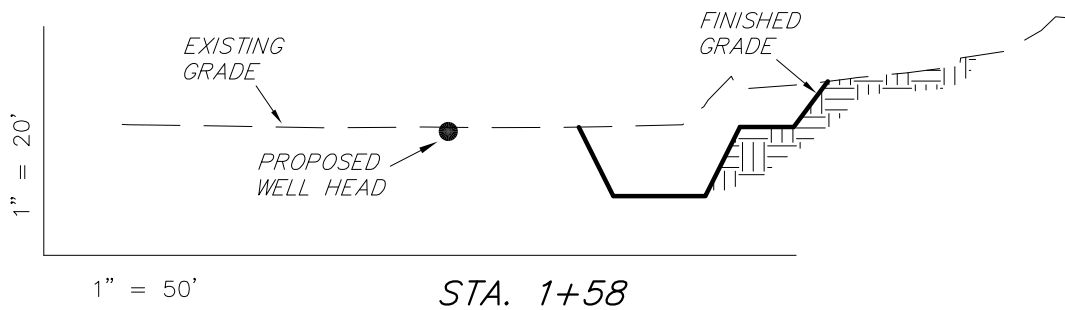
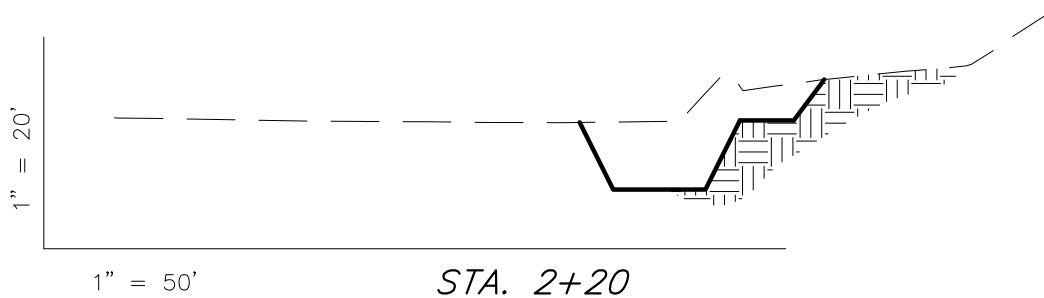
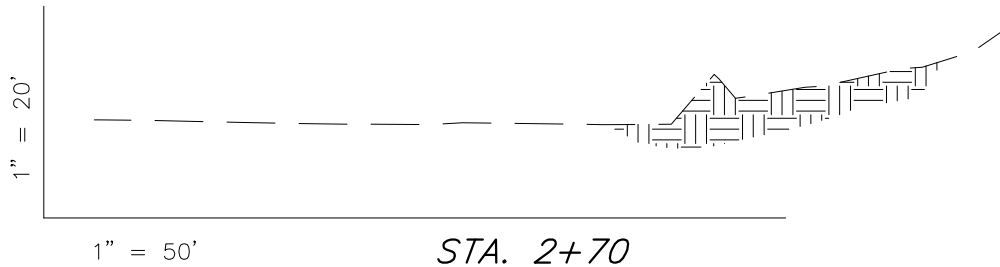
CROSS SECTIONS

P-34-8-17 (Proposed Well)

B-4-9-17 (Proposed Well)

16-33-8-17 (Existing Well)

Pad Location: SESE Section 33, T8S, R17E, S.L.B.&M.



NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

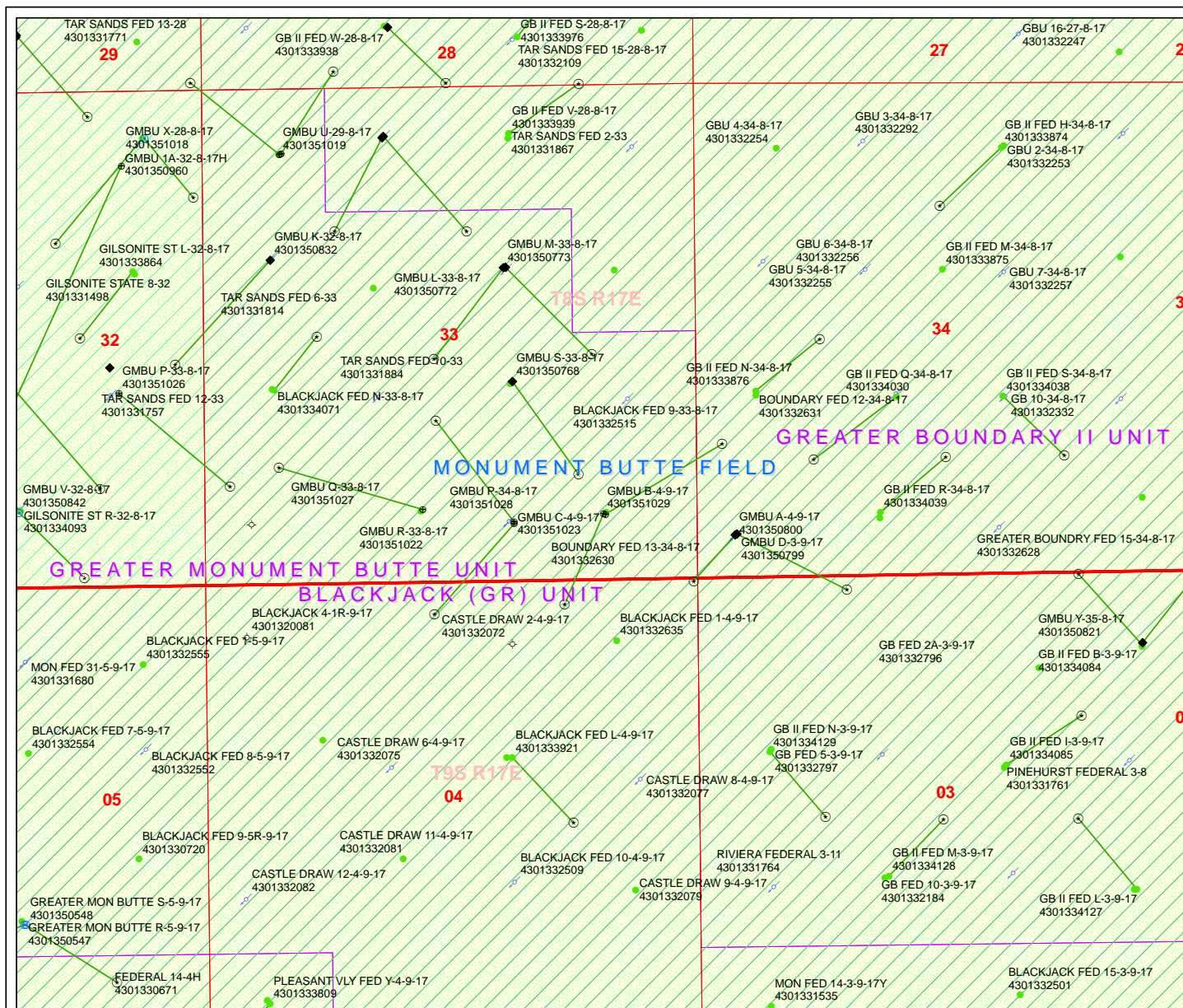
ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	930	0	Topsoil is not included in Pad Cut	930
PIT	690	0		690
TOTALS	1,620	0	190	1,620

SURVEYED BY: D.G.	DATE SURVEYED: 01-27-11	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 02-25-11	V1
SCALE: 1" = 50'	REVISED:	

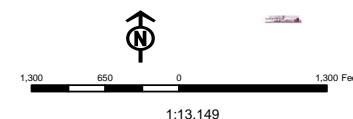
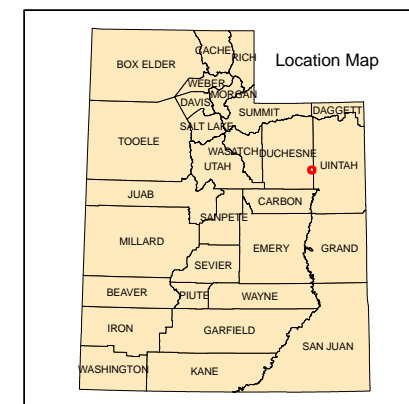
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

RECEIVED: October 26, 2011



API Number: 4301351028
Well Name: GMBU P-34-8-17
Township T0.8 . Range R1.7 . Section 33
Meridian: SLBM
Operator: NEWFIELD PRODUCTION COMPANY
 Map Prepared:
 Map Produced by Diana Mason

Units	Wells Query
STATUS	Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERMAL	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
Fields	SGW - Shut-in Gas Well
STATUS	SOW - Shut-in Oil Well
Unknown	TA - Temp. Abandoned
ABANDONED	TW - Test Well
ACTIVE	WDW - Water Disposal
COMBINED	WW - Water Injection Well
INACTIVE	WSW - Water Supply Well
STORAGE	
TERMINATED	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

October 28, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2011 Plan of Development Greater Monument
Butte Unit, Duchesne and Uintah Counties,
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-51018	GMBU X-28-8-17	Sec 33 T08S R17E 0695 FNL 0848 FWL BHL Sec 28 T08S R17E 0182 FSL 1412 FWL
43-013-51019	GMBU U-29-8-17	Sec 33 T08S R17E 0708 FNL 0831 FWL BHL Sec 29 T08S R17E 0080 FSL 0117 FEL
43-013-51020	GMBU Q-29-8-17	Sec 29 T08S R17E 0637 FSL 1973 FWL BHL Sec 29 T08S R17E 1520 FSL 1217 FWL
43-013-51021	GMBU D-32-8-17	Sec 29 T08S R17E 0618 FSL 1965 FWL BHL Sec 32 T08S R17E 0071 FNL 1096 FWL
43-013-51022	GMBU R-33-8-17	Sec 33 T08S R17E 0631 FSL 1958 FEL BHL Sec 33 T08S R17E 1726 FSL 2481 FWL
43-013-51023	GMBU C-4-9-17	Sec 33 T08S R17E 0610 FSL 1957 FEL BHL Sec 04 T09S R17E 0345 FNL 2447 FWL
43-013-51025	GMBU B-31-8-17	Sec 30 T08S R17E 0650 FSL 1993 FEL BHL Sec 31 T08S R17E 0295 FNL 1077 FEL
43-013-51026	GMBU P-33-8-17	Sec 32 T08S R17E 2073 FSL 0911 FEL BHL Sec 33 T08S R17E 1057 FSL 0270 FWL

RECEIVED: October 28, 2011

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-51027	GMBU Q-33-8-17	Sec 33 T08S R17E 0781 FSL 2330 FWL BHL Sec 33 T08S R17E 1251 FSL 0795 FWL
43-013-51028	GMBU P-34-8-17	Sec 33 T08S R17E 0700 FSL 0980 FEL BHL Sec 34 T08S R17E 1435 FSL 0275 FWL
43-013-51029	GMBU B-4-9-17	Sec 33 T08S R17E 0711 FSL 0999 FEL BHL Sec 04 T09S R17E 0265 FNL 1426 FEL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov,
c=US
Date: 2011.10.28 10:49:37 -06'00'

bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:10-28-11

RECEIVED: October 28, 2011



VIA ELECTRONIC DELIVERY

November 3, 2011

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
GMBU P-34-8-17
Greater Monument Butte (Green River) Unit

Surface Hole: T8S-R17E Section 33: SESE (UTU-77234)
700' FSL 980' FEL

At Target: T8S-R17E Section 34: NWSW (UTU-79017)
1435' FSL 275' FWL

Duchesne County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 10/26/2011, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-existing roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4153 or by email at pburns@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

A handwritten signature in blue ink, appearing to read "P. Burns", with a stylized flourish at the end.

Peter Burns
Land Associate

Form 3160-3
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**APPLICATION FOR PERMIT TO DRILL OR REENTER****Bold*** fields are required.

Section 1 - Completed by Operator	
1. BLM Office* Vernal, UT	2. Confidentiality <input type="checkbox"/> Confidential
3. Work Type* <input checked="" type="radio"/> DRILL <input type="radio"/> REENTER	4. Well Type* OIL
Operating Company Information	
5. Company Name* NEWFIELD PRODUCTION COMPANY	
6. Address* ROUTE #3 BOX 3630 MYTON UT 84052	7. Phone Number* 435-646-3721
Administrative Contact Information	
8. Contact Name* MANDIE _ CROZIER	9. Title* REGULATORY ANALYST
10. Address* ROUTE #3 BOX 3630 MYTON UT 84052	11. Phone Number* 435-646-4825
	12. Mobile Number 435-401-8335
13. E-mail* mcrozier@newfield.com	14. Fax Number 435-646-3031
Technical Contact Information	
<input checked="" type="checkbox"/> Check here if Technical Contact is the same as Administrative Contact.	
15. Contact Name* _____	16. Title* _____
17. Address* _____ _____ _____	18. Phone Number* _____
	19. Mobile Number _____
20. E-mail* _____	21. Fax Number _____
Lease and Agreement	
22. Lease Serial Number* _____	

UTU77234			
24. If Unit or CA/Agreement, Name and/or Number GREATER MONUMENT BUTTE		25. Field and Pool, or Exploratory Area* MONUMENT BUTTE	
26. Number of Acres in Lease* 480		27. Spacing Unit dedicated to this well 20	
Well			
28. Well Name* GMBU		29. Well Number* P-34-8-17	30. API Number _____
31. Proposed M.D. 6412	32. Proposed T.V.D. 6215	33. Elevation 5134 Ground Level	
34. BLM/BIA Bond Number WYB000493		35. Work Start Date 03/31/2012	36. Work Duration 7 DAYS
37. Number of Completions 1		38. Cable Tool <input type="radio"/> Cable <input checked="" type="radio"/> Rotary	
Surface Location			
39. Specify location using one of the following methods: a) State, County, Section, Township, Range, Meridian, N/S Footage, E/W Footage, with Qtr/Qtr, Lot, or Tract b) State, County, Latitude, Longitude, Metes & Bounds description			
County or Parish, State* DUCHESNE UT			
Section 33	Township 8S	Range 17E	Meridian SALT LAKE BASIN
Qtr/Qtr SESE	Lot # _____	Tract # _____	N/S Footage 700 FSL
			E/W Footage 980 FEL
Latitude _____	Longitude _____	Metes and Bounds	
40. Distance in miles and direction from nearest town or post office 12.7			
41. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 275'			
42. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 919'			
Bottom Hole Location			
43. Specify location or <input type="checkbox"/> Check here if the bottom hole location is the same as the surface location.			
County or Parish, State* DUCHESNE UT			
Section 34	Township 8S	Range 17E	Meridian SALT LAKE BASIN
Qtr/Qtr	Lot #	Tract #	N/S Footage
			E/W Footage

NWSW			1435 FSL	275 FWL
Latitude	Longitude	Metes and Bounds		

44. Additional Information

Please provide any additional pertinent information.

SURFACE LEASE: UTU-77234

BOTTOM HOLE LEASE: UTU-79017

I hereby certify that the foregoing is true and correct.

45. Name*

MANDIE _ CROZIER

46. Title

REGULATORY ANALYST

47. Date* (MM/DD/YYYY)10/26/2011 **48. Signature****You have the ability to sign this form only if a SmartCard or digital certificate has been issued to you.*

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T8S, R17E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, P-34-8-17, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 33, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

S89°54'W - 79.98 (G.L.O.)

S88°56'38"W - 2651.73' (Meas.)

S88°59'31"W - 2632.01' (Meas.)

1910 Brass Cap

1910 Brass Cap

1910 Brass Cap

WELL LOCATION:
P-34-8-17

ELEV. EXIST. GRADED GROUND = 5134'

33

N00°03'W (G.L.O.)

N00°50'45"W - 2644.86' (Meas.)

1910 Brass Cap

1910 Brass Cap

1910 Brass Cap

1910 Brass Cap

0161 Brass Cap

N88°56'42"E - 2641.24' (Meas.)

T9S N89°58'E (G.L.O.)

N89°00'59"E - 2638.60' (Meas.)

N00°53'48"W - 2647.70' (Meas.)

N0°02'W (G.L.O.)

Bottom of Hole

2640.52' (Meas.)

Center of Pattern

N00°52'10"W

1230'

980'

200'

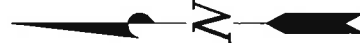
700'

DRILLING WINDOW

Top of Hole

N88°41'56"E

1049.77'



BAR SCALE

NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Center of Pattern footages are 1230' FSL & 75' FEL.

◆ = SECTION CORNERS LOCATED

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR

STACY W. STEWART

REGISTRATION NO. 189377

STATE OF UTAH

EXPIRATION DATE 03-24-11

TRI STATE LAND SURVEYING & CONSULTING

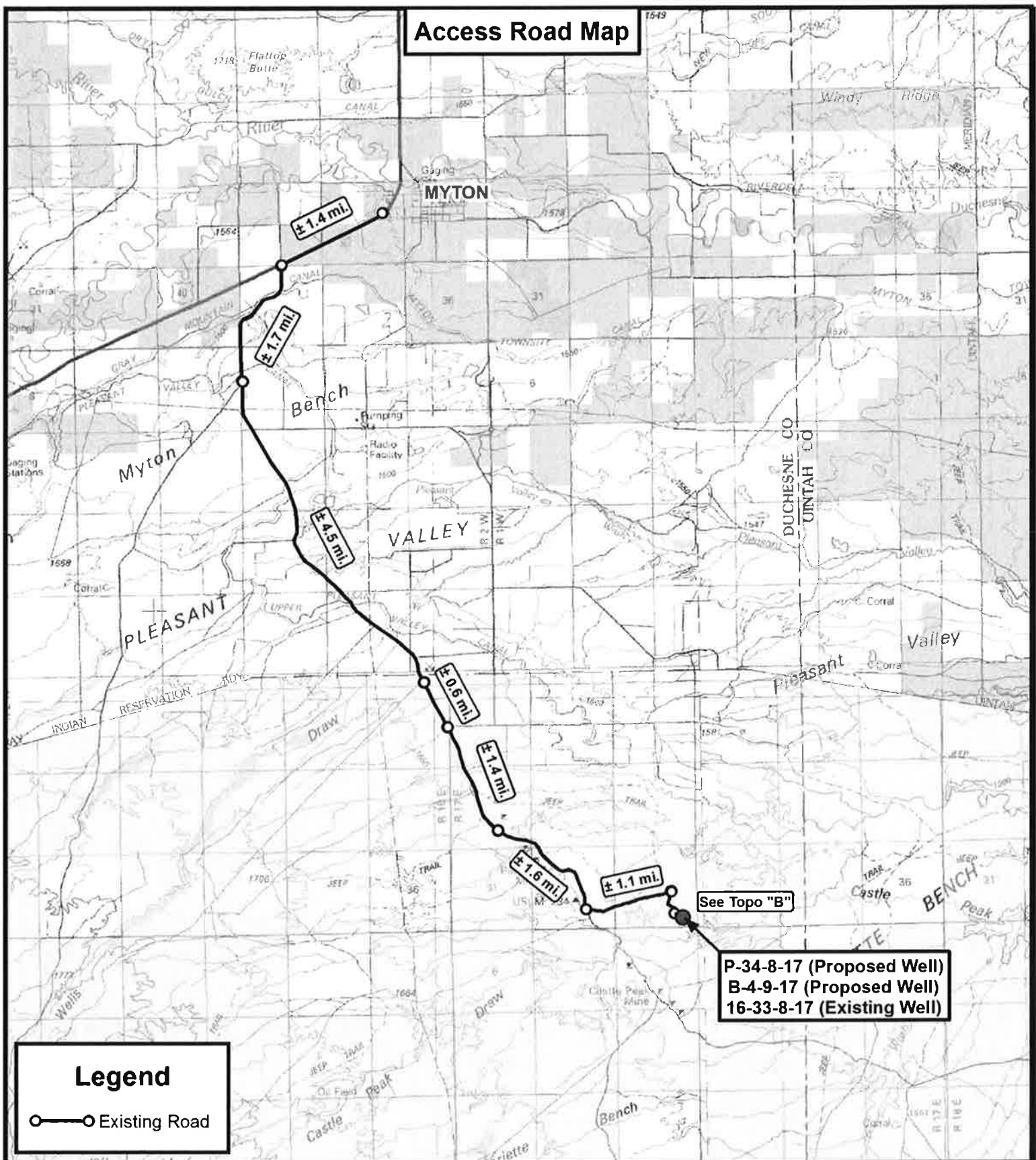
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078

(435) 781-2501

P-34-8-17
(Surface Location) NAD 83
LATITUDE = 40° 04' 08.78"
LONGITUDE = 110° 00' 20.23"

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

DATE SURVEYED: 01-27-11	SURVEYED BY: D.G.	VERSION:
DATE DRAWN: 02-25-11	DRAWN BY: F.T.M.	V1
REVISED:	SCALE: 1" = 1000'	



Tri State
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
 F: (435) 781-2518



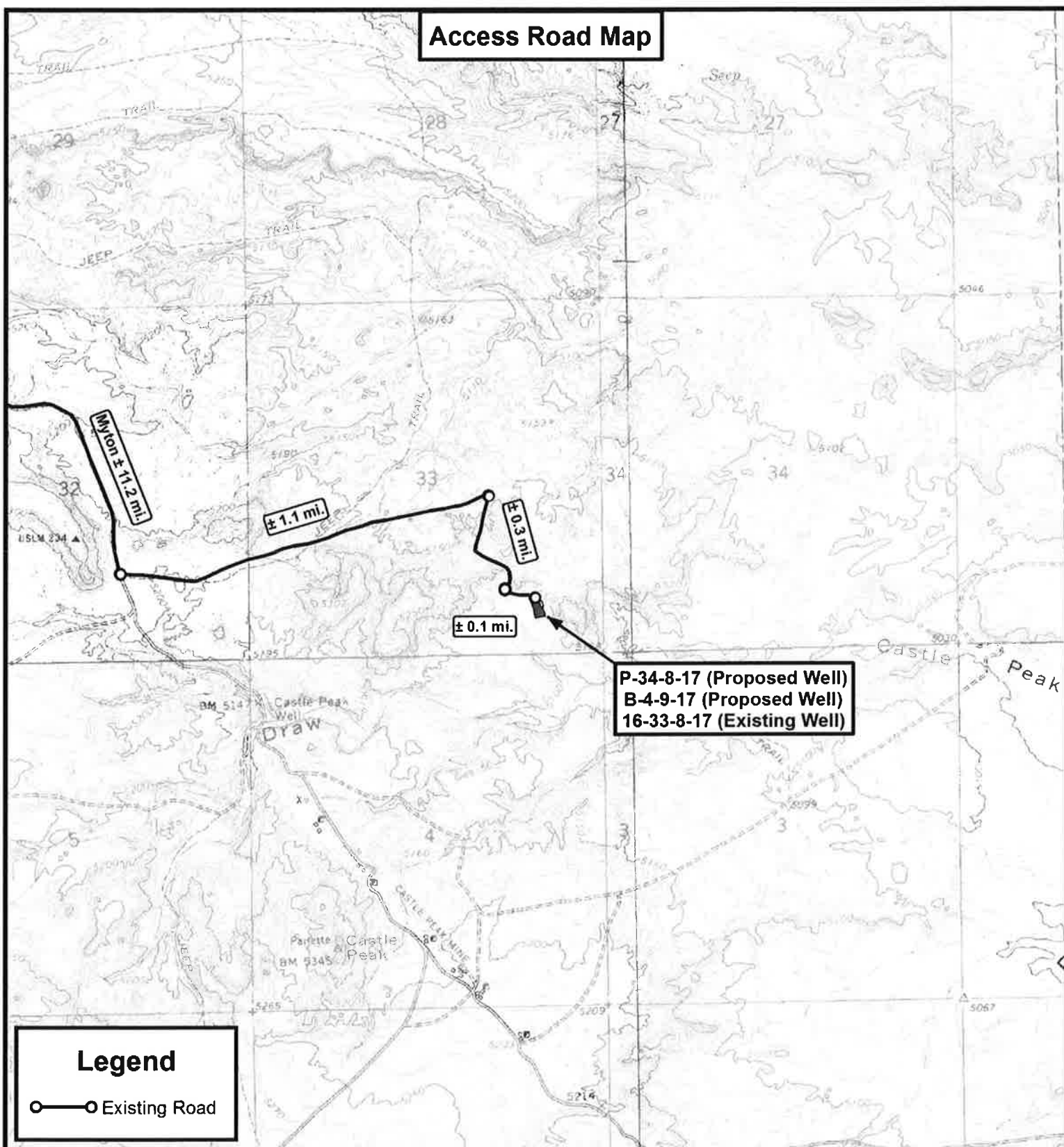
NEWFIELD EXPLORATION COMPANY

P-34-8-17 (Proposed Well)
 B-4-9-17 (Proposed Well)
 16-33-8-17 (Existing Well)
 SEC. 33, T8S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	03-23-2011		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET
A



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

N



NEWFIELD EXPLORATION COMPANY

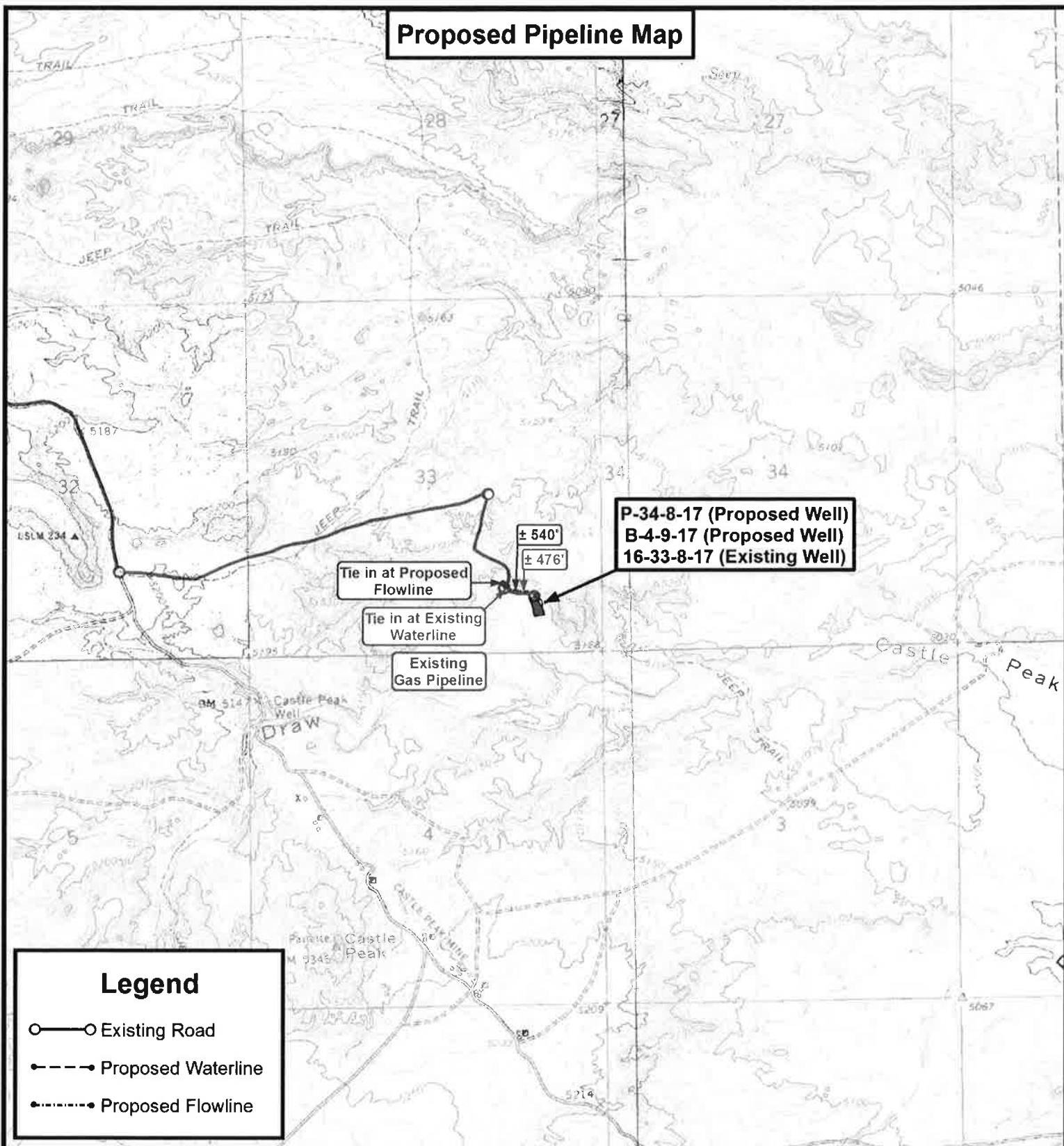
P-34-8-17 (Proposed Well)
B-4-9-17 (Proposed Well)
16-33-8-17 (Existing Well)

SEC. 33, T8S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	03-23-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map

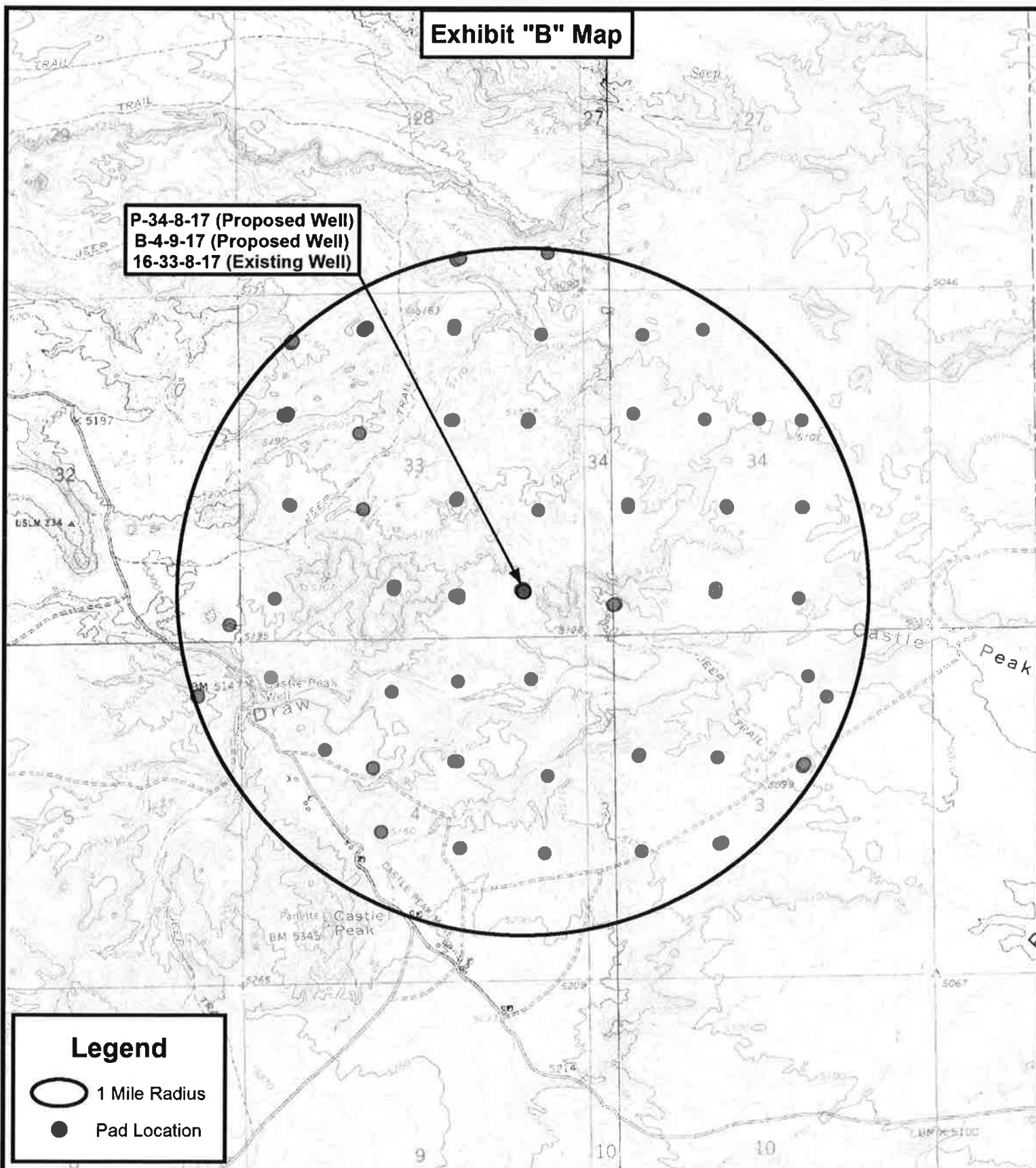
THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



Tri State

Exhibit "B" Map

P-34-8-17 (Proposed Well)
 B-4-9-17 (Proposed Well)
 16-33-8-17 (Existing Well)

**Legend**

- 1 Mile Radius
 ● Pad Location



**Tri State
 Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
 F: (435) 781-2518

**NEWFIELD EXPLORATION COMPANY**

P-34-8-17 (Proposed Well)
 B-4-9-17 (Proposed Well)
 16-33-8-17 (Existing Well)

SEC. 33, T8S, R17E, S.L.B.&M. Duchesne County, UT.

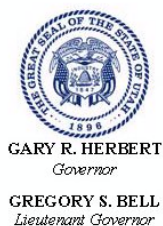
DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	03-23-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
D

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/26/2011**API NO. ASSIGNED:** 43013510280000**WELL NAME:** GMBU P-34-8-17**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695)**PHONE NUMBER:** 435 646-4825**CONTACT:** Mandie Crozier**PROPOSED LOCATION:** SESE 33 080S 170E**Permit Tech Review:** ☒**SURFACE:** 0700 FSL 0980 FEL**Engineering Review:** ☐**BOTTOM:** 1435 FSL 0275 FWL**Geology Review:** ☒**COUNTY:** DUCHESNE**LATITUDE:** 40.06911**LONGITUDE:** -110.00560**UTM SURF EASTINGS:** 584797.00**NORTHINGS:** 4435902.00**FIELD NAME:** MONUMENT BUTTE**LEASE TYPE:** 1 - Federal**LEASE NUMBER:** UTU-77234**PROPOSED PRODUCING FORMATION(S):** GREEN RIVER**SURFACE OWNER:** 1 - Federal**COALBED METHANE:** NO**RECEIVED AND/OR REVIEWED:**☒ **PLAT**☒ **Bond:** FEDERAL - WYB000493☐ **Potash**☐ **Oil Shale 190-5**☐ **Oil Shale 190-3**☐ **Oil Shale 190-13**☒ **Water Permit:** 437478☐ **RDCC Review:**☐ **Fee Surface Agreement**☐ **Intent to Commingle****Commingle Approved****LOCATION AND SITING:**☐ **R649-2-3.****Unit:** GMBU (GRRV)☐ **R649-3-2. General**☐ **R649-3-3. Exception**☒ **Drilling Unit****Board Cause No:** Cause 213-11**Effective Date:** 11/30/2009**Siting:** Suspends General Siting☒ **R649-3-11. Directional Drill****Comments:** Presite Completed**Stipulations:** 4 - Federal Approval - dmason
15 - Directional - dmason
27 - Other - bhill**RECEIVED: November 03, 2011**



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: GMBU P-34-8-17
API Well Number: 43013510280000
Lease Number: UTU-77234
Surface Owner: FEDERAL
Approval Date: 11/3/2011

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 28 2011

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU77234
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator NEWFIELD PRODUCTION COMPANY Contact: MANDIE CROZIER Email: mcrozier@newfield.com		7. If Unit or CA Agreement, Name and No. GREATER MONUMENT
3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052		8. Lease Name and Well No. GMBU P-34-8-17
3b. Phone No. (include area code) Ph: 435-646-4825 Fx: 435-646-3031		9. API Well No. 43-013-51022
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SESE 700FSL 980FEL At proposed prod. zone NW1/4SW 1435FSL 275FWL		10. Field and Pool, or Exploratory MONUMENT BUTTE
14. Distance in miles and direction from nearest town or post office* 12.7		11. Sec., T., R., M., or Blk. and Survey or Area Sec 33 T8S R17E Mer SLB
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 275'	16. No. of Acres in Lease 480.00	12. County or Parish DUCHESNE
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 919'	19. Proposed Depth 6412 MD 6215 TVD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5134 GL	22. Approximate date work will start 03/31/2012	17. Spacing Unit dedicated to this well 20.00
		20. BLM/BIA Bond No. on file WYB000493
		23. Estimated duration 7 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) MANDIE CROZIER Ph: 435-646-4825	Date 10/26/2011
Title REGULATORY ANALYST		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date MAY 08 2012
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #121398 verified by the BLM Well Information System
For NEWFIELD PRODUCTION COMPANY, sent to the Vernal
Committed to AFMSS for processing by LESLIE ROBINSON on 10/31/2011 ()

RECEIVED
MAY 15 2012

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL
CONDITIONS OF APPROVAL ATTACHED

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

UDOGM

11/2/2011

11/2/2011



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: GMBU P-34-8-17
API No: 43-013-51028

Location: SESE, Sec. 33, T8S R17E
Lease No: UTU-77234
Agreement: GMBU

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COA's

Wildlife

- The proposed project is within **mountain plover habitat**. If drilling or construction is proposed from May 1 to June 15, then a survey will be conducted by a qualified biologist. Permission to proceed may be granted in accordance with the "USFWS Mountain Plover Survey Guidelines" (March 2002) protocol. It is recommended that reclamation seed mixtures use low growing grasses and forbs.
- The proposed project is approximately 500 feet from an **ACTIVE great-horned owl nest**. If drilling or construction is proposed from February 1 to September 31, then a nest survey will be conducted by a qualified biologist. If it is determined that the nest is inactive, then permission to proceed may be granted by the BLM Authorized Officer. If the nest is determined to be active, then the timing restriction will remain in effect.
- Construction and drilling is not allowed from March 1 to August 31 in order to minimize impacts during **burrowing owl nesting**. If it is anticipated that construction or drilling will occur during the given timing restriction, a BLM or qualified biologist will be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be granted by the BLM Authorized Officer.

Air Quality

- All internal combustion equipment will be kept in good working order.
- Water or other approved dust suppressants will be used at construction sites and along roads, as determined appropriate by the Authorized Officer.
- Open burning of garbage or refuse will not occur at well sites or other facilities.
- Low bleed pneumatics will be installed on separator dump valves and other controllers.
- During completion, flaring will be limited as much as possible. Production equipment and gathering lines will be installed as soon as possible.
- Well site telemetry will be utilized as feasible for production operations.

S.O.P.s

- After cessation of drilling and completion operations, any visible or measurable layer of oil must be removed from the surface of the reserve pit and the pit kept free of oil.
- Pits must be free of oil and other liquid and solid wastes prior to filling. Pit liners must not be breached (cut) or filled (squeezed) while still containing fluids. The pit liner must be removed to the solids level or treated to prevent its reemergence to the surface or its interference with long-term successful revegetation.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, ROW, COAs permits/authorizations on their person(s) during all phases of construction.

Reclamation

- Reclamation will be completed in accordance with the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan on file with the Vernal Field Office of the BLM, so that disturbance is returned as close to a natural state as possible..
- Appropriate erosion control and revegetation measures will be employed. In areas with unstable soils where seeding alone may not adequately control erosion, grading will be used to minimize slopes and water bars will be installed on disturbed slopes. Erosion control efforts will be monitored by Newfield and, if necessary, modifications will be made to control erosion.

Monitoring and Reporting

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that designates the proposed site-specific monitoring and reference sites chosen for the location. A description of the proposed sites shall be included, as well as a map showing the locations of the proposed sites.
- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) 3 growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed areas in order to determine whether the BLM standards set forth in the Green River District Reclamation Guidelines have been met (30% or greater basal cover).

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Newfield Production Co. shall comply with all applicable requirements in the SOP (version: "Greater Monument Butte Green River Development Program", June 24, 2008). The operator shall also comply with applicable laws and regulations; with lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB

or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to BLM_UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1.

Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77234
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: GMBU P-34-8-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0700 FSL 0980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 33 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013510280000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/3/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield proposes to extend the Application for Permit to Drill for one year.		
<div style="text-align: right;"> Approved by the Utah Division of Oil, Gas and Mining Date: <u>October 11, 2012</u> By: <u></u> </div>		
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 10/9/2012	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013510280000

API: 43013510280000

Well Name: GMBU P-34-8-17

Location: 0700 FSL 0980 FEL QTR SESE SEC 33 TWNP 080S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 11/3/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Mandie Crozier

Date: 10/9/2012

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77234
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 6/5/2013	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL TYPE	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 6/5/13 Pro Petro # 8 spud and drilled 306' of 12 1/4" hole, P/U and run 7 jts of 8 5/8" casing set 302.14'KB. On 6/6/13 cement w/Pro Petro w/175 sks of class G+2%kcl+.25#CF mixed @ 15.8ppg and 1.17yield. Returned 8 bbls to pit, bump plug to 250psi, BLM and State were notified of spud via email.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 11, 2013		
NAME (PLEASE PRINT) Cherei Neilson	PHONE NUMBER 435 646-4883	TITLE Drilling Technician
SIGNATURE N/A	DATE 6/11/2013	

Casing / Liner Detail

Well	GMBU P-34-8-17
Prospect	Monument Butte
Foreman	
Run Date:	
String Type	Conductor, 14", 36.75#, H-40, W (Welded)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
-------	--------	-----	-------------	----	----

16.00			10' KB		
10.00	6.00		Conductor	14.000	13.500
16.00			-		

Cement Detail						
Cement Company:						
Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft³)	Description - Slurry Class and Additives	
Stab-In-Job?					Cement To Surface?	
BHT:					0	
Initial Circulation Pressure:						
Initial Circulation Rate:						
Final Circulation Pressure:						
Final Circulation Rate:						
Displacement Fluid:						
Displacement Rate:						
Displacement Volume:						
Mud Returns:						
Centralizer Type And Placement:		Casing Weight Set On Slips:				



Casing / Liner Detail

Well	GMBU P-34-8-17
Prospect	Monument Butte
Foreman	
Run Date:	
String Type	Surface, 8.625", 24#, J-55, STC (Generic)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
302.14			10' KB		
10.00	1.42		wellhead		
11.42	247.18	6	surface csg	8.625	8.097
258.60	0.90		float collar	8.625	8.097
259.50	41.21	1	shoe jt	8.625	8.097
300.71	1.43		guide shoe	8.625	8.097
302.14			-		

Cement Detail						
Cement Company:		Other				
Slurry Slurry 1	# of Sacks 175	Weight (ppg) 15.8	Yield 1.17	Volume (ft ³) 204.75	Description - Slurry Class and Additives Class G+2%kcl+.25#CF	
Stab-In-Job?		No			Cement To Surface?	Yes
BHT:		0			Est. Top of Cement:	0
Initial Circulation Pressure:					Plugs Bumped?	Yes
Initial Circulation Rate:					Pressure Plugs Bumped:	250
Final Circulation Pressure:					Floats Holding?	Yes
Final Circulation Rate:					Casing Stuck On / Off Bottom?	No
Displacement Fluid:		Water			Casing Reciprocated?	No
Displacement Rate:					Casing Rotated?	No
Displacement Volume:		15.75			CIP:	10:24
Mud Returns:					Casing Wt Prior To Cement:	
Centralizer Type And Placement:				Casing Weight Set On Slips:		
Middle of first, top of second and third for a total of three.						





BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# ProPetro #8
Submitted By Brandon Arnold Phone Number 435-401-0223
Well Name/Number GMBU P-34-8-17
Qtr/Qtr SESE Section 33 Township 78S Range 17E
Lease Serial Number UTU77234
API Number 43-013-51028

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 6/5/2013 7 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 6/5/2013 2 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

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JUN 3 2013
DIV. OF OIL, GAS & MINING

Date/Time _____ AM ☐ PM ☐

Remarks _____

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# NDSI SS # 2
Submitted By Justin Crum Phone Number 435-823-6732
Well Name/Number GMBU P-34-8-17
Qtr/Qtr SESE Section 33 Township 8S Range 17E
Lease Serial Number UTU-77234
API Number 43-013-51028

Rig Move Notice – Move drilling rig to new location.

Date/Time 6/14/2013 7:00 AM ☒ PM ☐

BOPE

- ☒ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time 6/14/2013 10:00 AM ☒ PM ☐

Remarks _____

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JUN 13 2013

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																														
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77234																														
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:																														
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)																														
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: GMBU P-34-8-17																														
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0700 FSL 0980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 33 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013510280000																														
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE																														
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/18/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input checked="" type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR																														
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<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>																														
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Production Company has elected to plug and abandon the GMBU P-34-8-17 Per verbal approval with Robin Hansen the plug procedure will be: Plug #1 set at 6,100'-6,300' w/ 100% excess Plug #2 set at 5,600'-5,800' w/ 100% excess Tag plug 2 to verify depth Plug #3 set at 3,700'-3,900' w/ 100% excess Plug #4 set at 1,387'-1,587' w/ 100% excess Tag plug 4 to verify depth Plug #5 set at Surface-352' w/ 10% excess All cement plugs will be 15.8 ppg class G with CaCl used as needed.																																
NAME (PLEASE PRINT) Mandie Crozier		PHONE NUMBER 435 646-4825																														
SIGNATURE N/A		TITLE Regulatory Tech																														
DATE 6/18/2013		Accepted by the Utah Division of Oil, Gas and Mining Date: June 20, 2013 By: <i>Derek Quist</i>																														

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# NDSI SS#2
Submitted By Mike Braithwaite Phone Number 435-401-8392
Well Name/Number GMBU P-34-8-17
Qtr/Qtr NWSW Section 34 Township 8S Range 17E
Lease Serial Number UTU77234
API Number 43-01351028

TD Notice – TD is the final drilling depth of hole.

Date/Time 6/17/2013 5:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☒ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 6/17/2013 2:00 AM ☐ PM ☒

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JUN 18 2013

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77234
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: GMBU P-34-8-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0700 FSL 0980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 33 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013510280000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/18/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input checked="" type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On June 18th after consulting with Robin Hansen NDSI Rig 2 RIH to 6300' to pump the 1st of five balanced plugs. Plug 1: 6300', 5 bbls spacer, 25 bbls of Class G cement, 83 bbls of displacement Plug 2: 5824', 5 bbls spacer, 25 bbls of Class G cement, 77 bbls of displacement WOC for 4 hours, tag cement at 5280', 520' plug. Witnessed by Stoney Anderton with the BLM Plug 3: 3897', 5 bbls spacer, 25 bbls of Class G cement, 48 bbls of displacement Plug 4: 1576', 5 bbls spacer, 25 bbls of Class G cement, 29 bbls of displacement WOC for 4 hours, tag cement at 1200', 224' plug. Witnessed by Stoney Anderton with the BLM Plug 5: 350', 5 bbls spacer, 16 bbls of Class G cement pumped back to surface Cut off 5 1/2" casing 4' below ground level and topped off cement during long string job on the B-4-9-17, welded cap on casing. Witnessed by Stoney Anderton with the BLM		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 26, 2013		
NAME (PLEASE PRINT) Cherei Neilson	PHONE NUMBER 435 646-4883	TITLE Drilling Technician
SIGNATURE N/A	DATE 7/9/2013	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

5. Lease Serial No
UTU-77234

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other							6. If Indian, Allottee or Tribe Name					
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: P&A							7. Unit or CA Agreement Name and No. UTU87538X					
2. Name of Operator NEWFIELD EXPLORATION							8. Lease Name and Well No. GMBU P-34-8-17					
3. Address ROUTE #3 BOX 3630 MYTON, UT 84052					3a. Phone No. (include area code) Ph:435-646-3721		9. API Well No. 43-013-51028					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 700 FSL 980 FEL SE/SE Section 33, T8S R17E At top prod. interval reported below At total depth 1445 FSL 232 FWL NW/SW Section 34, T8S R17E							10. Field and Pool or Exploratory MONUMENT BUTTE					
							11. Sec., T., R., M., on Block and Survey or Area SEC 33, T8S R17E					
							12. County or Parish DUCHEсне			13. State UT		
14. Date Spudded 06/05/2013				15. Date T.D. Reached 06/17/2013			16. Date Completed 06/18/2013 <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod.			17. Elevations (DF, RKB, RT, GL)* 5134' GL 5144' KB		
18. Total Depth MD 6356 TVD 6166				19. Plug Back T.D.: MD TVD			20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)							22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)					
23. Casing and Liner Record (Report all strings set in well)												
Hole Size	Size/Grade	Wt (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled			
12-1/4"	8-5/8" J-55	24	0'	302		175 CLASS G			Returned 8 bbls to pit			
24. Tubing Record												
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)				
25. Producing Intervals												
Formation			Top	Bottom	Perforation Record			Perforated Interval	Size	No. Holes	Perf. Status	
A)												
B)												
C)												
D)												
27. Acid, Fracture, Treatment, Cement Squeeze, etc.												
Depth Interval			Amount and Type of Material									
28. Production - Interval A												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
			→									
Choke Size	Tbg. Press Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status				
			→									
28a. Production - Interval B												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
			→									
Choke Size	Tbg. Press Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status				
			→									

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers
GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GREEN RIVER FORMATION	1587
				GARDEN GULCH MEMBER	4235
				'X' Marker	4740
				Douglas Creek Member	4913
				Castle Peak Limestone	5776
				Wastach	6337

32. Additional remarks (include plugging procedure):

This well was drilled and surface casing was set.
We did not run production casing and the well was never completed.
Well was Plugged and Abandoned on 06/18/13. See P&A Sundry for Details that is already on file.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Daily Drilling Reports

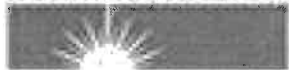
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Mandie CrozierTitle Regulatory SpecialistSignature Mandie CrozierDate 06/29/2015

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 33 T8S R17E

P-34-8-17

Wellbore #1

Design: Actual

End of Well Report

24 June, 2013





Payzone Directional End of Well Report



Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well P-34-8-17
Project:	USGS Myton SW (UT)	TVD Reference:	P-34-8-17 @ 5144.0ft (NDSI SS #2)
Site:	SECTION 33 T8S R17E	MD Reference:	P-34-8-17 @ 5144.0ft (NDSI SS #2)
Well:	P-34-8-17	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA
---------	--

Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 33 T8S R17E, SEC 33 T8S, R17E
------	---------------------------------------

Site Position:		Northing:	7,200,000.00 ft	Latitude:	40° 4' 34.680 N
From:	Lat/Long	Easting:	2,058,000.00 ft	Longitude:	110° 0' 27.466 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.96 °

Well	P-34-8-17, SHL LAT: 40 04 08.78 LONG: -110 00 20.23
------	---

Well Position	+N/-S	0.0 ft	Northing:	7,197,389.12 ft	Latitude:	40° 4' 8.780 N
	+E/-W	0.0 ft	Easting:	2,058,606.18 ft	Longitude:	110° 0' 20.230 W
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,144.0 ft	Ground Level:	5,134.0 ft	

Wellbore	Wellbore #1
----------	-------------

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/21/2011	11.33	65.83	52,325

Design	Actual
--------	--------

Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	58.70

Survey Program		Date	6/24/2013		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
314.0	6,356.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 33 T8S R17E
 Well: P-34-8-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well P-34-8-17
 TVD Reference: P-34-8-17 @ 5144.0ft (NDSI SS #2)
 MD Reference: P-34-8-17 @ 5144.0ft (NDSI SS #2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
314.0	0.40	141.32	314.0	0.1	-0.9	0.7	0.13	0.13	0.00
344.0	0.40	134.20	344.0	0.2	-1.0	0.8	0.17	0.00	-23.73
375.0	0.40	124.90	375.0	0.3	-1.1	1.0	0.21	0.00	-30.00
405.0	0.40	134.60	405.0	0.3	-1.3	1.2	0.23	0.00	32.33
435.0	0.40	138.60	435.0	0.4	-1.4	1.3	0.09	0.00	13.33
465.0	0.40	88.00	465.0	0.5	-1.5	1.5	1.14	0.00	-168.67
496.0	0.70	70.26	496.0	0.8	-1.4	1.8	1.10	0.97	-57.23
526.0	1.32	49.65	526.0	1.3	-1.2	2.2	2.36	2.07	-68.70
557.0	1.50	43.30	557.0	2.0	-0.6	2.7	0.77	0.58	-20.48
586.0	1.50	43.60	586.0	2.7	-0.1	3.3	0.03	0.00	1.03
616.0	1.90	53.20	616.0	3.6	0.5	3.9	1.63	1.33	32.00
646.0	2.40	56.70	645.9	4.7	1.1	4.9	1.72	1.67	11.67
677.0	2.50	55.50	676.9	6.1	1.9	6.0	0.36	0.32	-3.87
707.0	2.50	57.90	706.9	7.4	2.6	7.1	0.35	0.00	8.00
737.0	2.70	59.30	736.8	8.7	3.3	8.2	0.70	0.67	4.67
768.0	2.90	62.50	767.8	10.3	4.0	9.5	0.82	0.65	10.32
798.0	3.10	60.30	797.8	11.8	4.8	10.9	0.77	0.67	-7.33
828.0	3.50	61.90	827.7	13.5	5.6	12.4	1.37	1.33	5.33
859.0	4.10	60.10	858.6	15.6	6.6	14.2	1.97	1.94	-5.81
889.0	4.70	60.50	888.6	17.9	7.8	16.2	2.00	2.00	1.33
920.0	5.00	60.00	919.5	20.5	9.1	18.5	0.98	0.97	-1.61
950.0	5.30	59.00	949.3	23.2	10.4	20.8	1.04	1.00	-3.33
980.0	5.60	57.80	979.2	26.1	11.9	23.2	1.07	1.00	-4.00
1,011.0	6.20	58.00	1,010.0	29.2	13.6	25.9	1.94	1.94	0.65
1,055.0	7.30	60.00	1,053.7	34.4	16.3	30.4	2.56	2.50	4.55
1,098.0	8.00	61.50	1,096.3	40.1	19.1	35.4	1.69	1.63	3.49



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 33 T8S R17E
 Well: P-34-8-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well P-34-8-17
 TVD Reference: P-34-8-17 @ 5144.0ft (NDSI SS #2)
 MD Reference: P-34-8-17 @ 5144.0ft (NDSI SS #2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
1,142.0	8.70	62.70	1,139.9	46.5	22.1	41.0	1.64	1.59	2.73
1,186.0	9.20	61.80	1,183.3	53.3	25.3	47.1	1.18	1.14	-2.05
1,230.0	9.80	61.80	1,226.7	60.6	28.7	53.5	1.36	1.36	0.00
1,274.0	10.50	60.60	1,270.0	68.3	32.4	60.3	1.66	1.59	-2.73
1,317.0	11.00	58.10	1,312.3	76.4	36.5	67.2	1.59	1.16	-5.81
1,361.0	11.70	56.60	1,355.4	85.0	41.2	74.5	1.73	1.59	-3.41
1,405.0	12.20	55.70	1,398.5	94.1	46.3	82.0	1.21	1.14	-2.05
1,449.0	12.60	56.70	1,441.5	103.6	51.5	89.9	1.03	0.91	2.27
1,493.0	13.00	56.90	1,484.4	113.3	56.9	98.0	0.91	0.91	0.45
1,537.0	13.40	57.90	1,527.2	123.3	62.3	106.5	1.05	0.91	2.27
1,580.0	13.80	56.90	1,569.0	133.5	67.7	115.0	1.08	0.93	-2.33
1,624.0	14.20	55.50	1,611.7	144.1	73.6	123.9	1.19	0.91	-3.18
1,668.0	14.90	54.60	1,654.3	155.1	80.0	132.9	1.67	1.59	-2.05
1,712.0	15.10	54.90	1,696.8	166.5	86.5	142.2	0.49	0.45	0.68
1,756.0	15.40	54.20	1,739.2	178.0	93.3	151.6	0.80	0.68	-1.59
1,800.0	16.00	54.30	1,781.6	189.9	100.2	161.3	1.37	1.36	0.23
1,843.0	16.40	55.50	1,822.9	201.9	107.1	171.1	1.21	0.93	2.79
1,887.0	17.00	55.60	1,865.0	214.5	114.3	181.5	1.37	1.36	0.23
1,931.0	17.40	56.00	1,907.0	227.5	121.6	192.3	0.95	0.91	0.91
1,975.0	17.20	57.10	1,949.1	240.6	128.8	203.2	0.87	-0.45	2.50
2,019.0	17.10	56.40	1,991.1	253.5	135.9	214.1	0.52	-0.23	-1.59
2,062.0	17.30	57.30	2,032.2	266.2	142.9	224.7	0.77	0.47	2.09
2,106.0	17.30	58.30	2,074.2	279.3	149.8	235.8	0.68	0.00	2.27
2,150.0	17.30	59.30	2,116.2	292.4	156.6	247.0	0.68	0.00	2.27
2,194.0	17.10	59.30	2,158.2	305.4	163.2	258.2	0.45	-0.45	0.00
2,238.0	17.00	59.50	2,200.3	318.3	169.8	269.3	0.26	-0.23	0.45
2,281.0	17.20	60.40	2,241.4	330.9	176.1	280.2	0.77	0.47	2.09



Payzone Directional End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 33 T8S R17E
Well: P-34-8-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well P-34-8-17
TVD Reference: P-34-8-17 @ 5144.0ft (NDSI SS #2)
MD Reference: P-34-8-17 @ 5144.0ft (NDSI SS #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
2,325.0	17.20	60.40	2,283.4	344.0	182.6	291.5	0.00	0.00	0.00
2,369.0	17.00	60.40	2,325.5	356.9	189.0	302.8	0.45	-0.45	0.00
2,413.0	17.10	60.00	2,367.5	369.8	195.4	314.0	0.35	0.23	-0.91
2,457.0	17.20	60.00	2,409.6	382.8	201.9	325.2	0.23	0.23	0.00
2,501.0	17.30	60.50	2,451.6	395.8	208.3	336.5	0.41	0.23	1.14
2,544.0	17.30	60.50	2,492.7	408.6	214.6	347.7	0.00	0.00	0.00
2,588.0	17.10	61.30	2,534.7	421.6	221.0	359.0	0.70	-0.45	1.82
2,632.0	17.10	60.50	2,576.8	434.5	227.3	370.3	0.53	0.00	-1.82
2,676.0	16.90	59.30	2,618.8	447.4	233.7	381.5	0.92	-0.45	-2.73
2,720.0	16.50	59.00	2,661.0	460.0	240.2	392.3	0.93	-0.91	-0.68
2,763.0	16.10	58.10	2,702.2	472.1	246.5	402.6	1.10	-0.93	-2.09
2,807.0	15.70	57.30	2,744.6	484.1	252.9	412.8	1.04	-0.91	-1.82
2,851.0	15.10	56.50	2,787.0	495.8	259.3	422.6	1.45	-1.36	-1.82
2,895.0	14.90	57.40	2,829.5	507.2	265.5	432.1	0.70	-0.45	2.05
2,939.0	14.90	59.60	2,872.0	518.5	271.4	441.8	1.29	0.00	5.00
2,982.0	15.30	60.90	2,913.5	529.7	277.0	451.5	1.22	0.93	3.02
3,026.0	16.30	62.20	2,955.9	541.7	282.7	462.1	2.41	2.27	2.95
3,070.0	16.70	62.50	2,998.0	554.1	288.5	473.1	0.93	0.91	0.68
3,114.0	16.80	61.80	3,040.2	566.8	294.4	484.3	0.51	0.23	-1.59
3,157.0	17.40	62.10	3,081.3	579.4	300.4	495.5	1.41	1.40	0.70
3,201.0	18.40	61.80	3,123.1	592.9	306.7	507.4	2.28	2.27	-0.68
3,245.0	18.40	61.50	3,164.9	606.8	313.3	519.7	0.22	0.00	-0.68
3,289.0	17.30	59.90	3,206.8	620.3	319.9	531.4	2.74	-2.50	-3.64
3,333.0	17.00	58.60	3,248.8	633.2	326.5	542.6	1.11	-0.68	-2.95
3,376.0	17.00	58.70	3,289.9	645.8	333.1	553.3	0.07	0.00	0.23
3,420.0	17.10	58.20	3,332.0	658.7	339.8	564.3	0.40	0.23	-1.14
3,464.0	16.90	58.00	3,374.1	671.6	346.6	575.2	0.47	-0.45	-0.45

Payzone Directional
End of Well Report

Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 33 T8S R17E
 Well: P-34-8-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well P-34-8-17
 TVD Reference: P-34-8-17 @ 5144.0ft (NDSI SS #2)
 MD Reference: P-34-8-17 @ 5144.0ft (NDSI SS #2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
3,508.0	16.30	57.10	3,416.3	684.1	353.4	585.8	1.48	-1.36	-2.05
3,551.0	16.10	56.10	3,457.5	696.1	360.0	595.8	0.80	-0.47	-2.33
3,595.0	15.70	56.20	3,499.9	708.2	366.7	605.8	0.91	-0.91	0.23
3,639.0	15.70	57.70	3,542.2	720.1	373.2	615.8	0.92	0.00	3.41
3,683.0	15.60	58.70	3,584.6	731.9	379.4	625.9	0.65	-0.23	2.27
3,726.0	15.50	58.50	3,626.0	743.5	385.4	635.8	0.26	-0.23	-0.47
3,770.0	15.30	59.80	3,668.4	755.2	391.4	645.8	0.91	-0.45	2.95
3,814.0	15.10	59.40	3,710.9	766.7	397.3	655.7	0.51	-0.45	-0.91
3,858.0	14.80	58.80	3,753.4	778.0	403.1	665.5	0.77	-0.68	-1.36
3,902.0	14.80	57.50	3,796.0	789.3	409.0	675.0	0.75	0.00	-2.95
3,989.0	14.20	58.70	3,880.2	811.1	420.5	693.5	0.77	-0.69	1.38
4,033.0	14.30	58.30	3,922.8	821.9	426.2	702.7	0.32	0.23	-0.91
4,077.0	14.30	57.80	3,965.5	832.8	432.0	712.0	0.28	0.00	-1.14
4,121.0	14.10	57.60	4,008.1	843.5	437.7	721.1	0.47	-0.45	-0.45
4,165.0	14.50	58.00	4,050.8	854.4	443.5	730.3	0.94	0.91	0.91
4,208.0	15.60	58.50	4,092.3	865.6	449.4	739.8	2.58	2.56	1.16
4,252.0	15.70	58.00	4,134.6	877.4	455.6	749.9	0.38	0.23	-1.14
4,296.0	16.10	57.70	4,177.0	889.5	462.0	760.1	0.93	0.91	-0.68
4,340.0	15.50	56.60	4,219.3	901.5	468.5	770.1	1.52	-1.36	-2.50
4,384.0	15.40	55.60	4,261.7	913.2	475.1	779.9	0.65	-0.23	-2.27
4,427.0	15.40	56.00	4,303.2	924.6	481.5	789.3	0.25	0.00	0.93
4,471.0	15.20	56.20	4,345.6	936.2	488.0	799.0	0.47	-0.45	0.45
4,515.0	15.10	56.90	4,388.1	947.7	494.3	808.6	0.47	-0.23	1.59
4,559.0	15.90	57.10	4,430.5	959.4	500.7	818.4	1.82	1.82	0.45
4,603.0	16.10	57.50	4,472.8	971.6	507.3	828.6	0.52	0.45	0.91
4,647.0	16.10	57.00	4,515.0	983.8	513.9	838.9	0.32	0.00	-1.14
4,690.0	16.00	56.90	4,556.4	995.6	520.3	848.8	0.24	-0.23	-0.23



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 33 T8S R17E
 Well: P-34-8-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well P-34-8-17
 TVD Reference: P-34-8-17 @ 5144.0ft (NDSI SS #2)
 MD Reference: P-34-8-17 @ 5144.0ft (NDSI SS #2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
4,734.0	15.80	56.80	4,598.7	1,007.7	526.9	858.9	0.46	-0.45	-0.23
4,778.0	15.10	56.70	4,641.1	1,019.4	533.4	868.7	1.59	-1.59	-0.23
4,822.0	14.90	57.00	4,683.6	1,030.8	539.6	878.3	0.49	-0.45	0.68
4,866.0	14.90	57.80	4,726.1	1,042.1	545.7	887.8	0.47	0.00	1.82
4,909.0	14.50	58.70	4,767.7	1,053.0	551.4	897.1	1.07	-0.93	2.09
4,939.5	14.36	58.91	4,797.2	1,060.6	555.4	903.6	0.49	-0.45	0.68
P-34-8-17 TGT									
4,953.0	14.30	59.00	4,810.3	1,063.9	557.1	906.4	0.49	-0.45	0.69
4,997.0	14.40	60.40	4,853.0	1,074.8	562.6	915.9	0.82	0.23	3.18
5,041.0	14.60	61.00	4,895.6	1,085.9	568.0	925.5	0.57	0.45	1.36
5,085.0	14.60	59.40	4,938.1	1,096.9	573.5	935.1	0.92	0.00	-3.64
5,128.0	14.80	57.20	4,979.7	1,107.9	579.2	944.4	1.38	0.47	-5.12
5,172.0	15.30	57.00	5,022.2	1,119.3	585.4	954.0	1.14	1.14	-0.45
5,216.0	15.00	57.30	5,064.7	1,130.8	591.7	963.6	0.70	-0.68	0.68
5,260.0	15.40	57.80	5,107.2	1,142.3	597.9	973.4	0.96	0.91	1.14
5,304.0	15.50	57.30	5,149.6	1,154.0	604.2	983.3	0.38	0.23	-1.14
5,347.0	15.70	56.90	5,191.0	1,165.6	610.4	993.0	0.53	0.47	-0.93
5,391.0	15.80	57.40	5,233.3	1,177.5	616.9	1,003.0	0.38	0.23	1.14
5,435.0	15.60	57.40	5,275.7	1,189.4	623.3	1,013.0	0.45	-0.45	0.00
5,479.0	15.70	56.90	5,318.1	1,201.3	629.8	1,023.0	0.38	0.23	-1.14
5,523.0	15.10	57.10	5,360.5	1,213.0	636.1	1,032.8	1.37	-1.36	0.45
5,567.0	15.30	57.30	5,402.9	1,224.5	642.4	1,042.5	0.47	0.45	0.45
5,611.0	15.90	57.40	5,445.3	1,236.3	648.8	1,052.5	1.37	1.36	0.23
5,654.0	16.00	58.70	5,486.7	1,248.1	655.0	1,062.5	0.86	0.23	3.02
5,698.0	16.80	59.10	5,528.9	1,260.6	661.4	1,073.1	1.84	1.82	0.91
5,742.0	17.40	59.10	5,570.9	1,273.5	668.1	1,084.2	1.36	1.36	0.00
5,786.0	17.50	59.00	5,612.9	1,286.7	674.9	1,095.5	0.24	0.23	-0.23



Payzone Directional
End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 33 T8S R17E
Well: P-34-8-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well P-34-8-17
TVD Reference: P-34-8-17 @ 5144.0ft (NDSI SS #2)
MD Reference: P-34-8-17 @ 5144.0ft (NDSI SS #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

MD (ft)	Inc (°)	Azi (azimuth) (°)	TVD (ft)	V. Sec (ft)	N/S (ft)	E/W (ft)	DLeg (°/100ft)	Build (°/100ft)	Turn (°/100ft)
5,830.0	17.70	59.20	5,654.8	1,300.0	681.7	1,107.0	0.47	0.45	0.45
5,874.0	17.30	59.80	5,696.8	1,313.2	688.4	1,118.4	1.00	-0.91	1.36
5,917.0	16.90	59.60	5,737.9	1,325.9	694.8	1,129.3	0.94	-0.93	-0.47
5,961.0	16.20	57.90	5,780.1	1,338.4	701.3	1,140.0	1.93	-1.59	-3.86
6,005.0	15.60	58.60	5,822.4	1,350.5	707.6	1,150.2	1.43	-1.36	1.59
6,049.0	14.80	57.00	5,864.9	1,362.0	713.8	1,160.0	2.05	-1.82	-3.64
6,093.0	13.90	57.60	5,907.5	1,372.9	719.7	1,169.2	2.07	-2.05	1.36
6,137.0	12.80	57.70	5,950.3	1,383.1	725.1	1,177.8	2.50	-2.50	0.23
6,180.0	12.00	58.70	5,992.3	1,392.3	730.0	1,185.6	1.93	-1.86	2.33
6,224.0	10.90	57.40	6,035.4	1,401.0	734.6	1,193.0	2.57	-2.50	-2.95
6,268.0	10.00	57.30	6,078.7	1,409.0	738.9	1,199.7	2.05	-2.05	-0.23
6,308.0	9.10	57.50	6,118.1	1,415.6	742.5	1,205.3	2.25	-2.25	0.50
6,356.0	9.10	57.50	6,165.5	1,423.2	746.5	1,211.7	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____

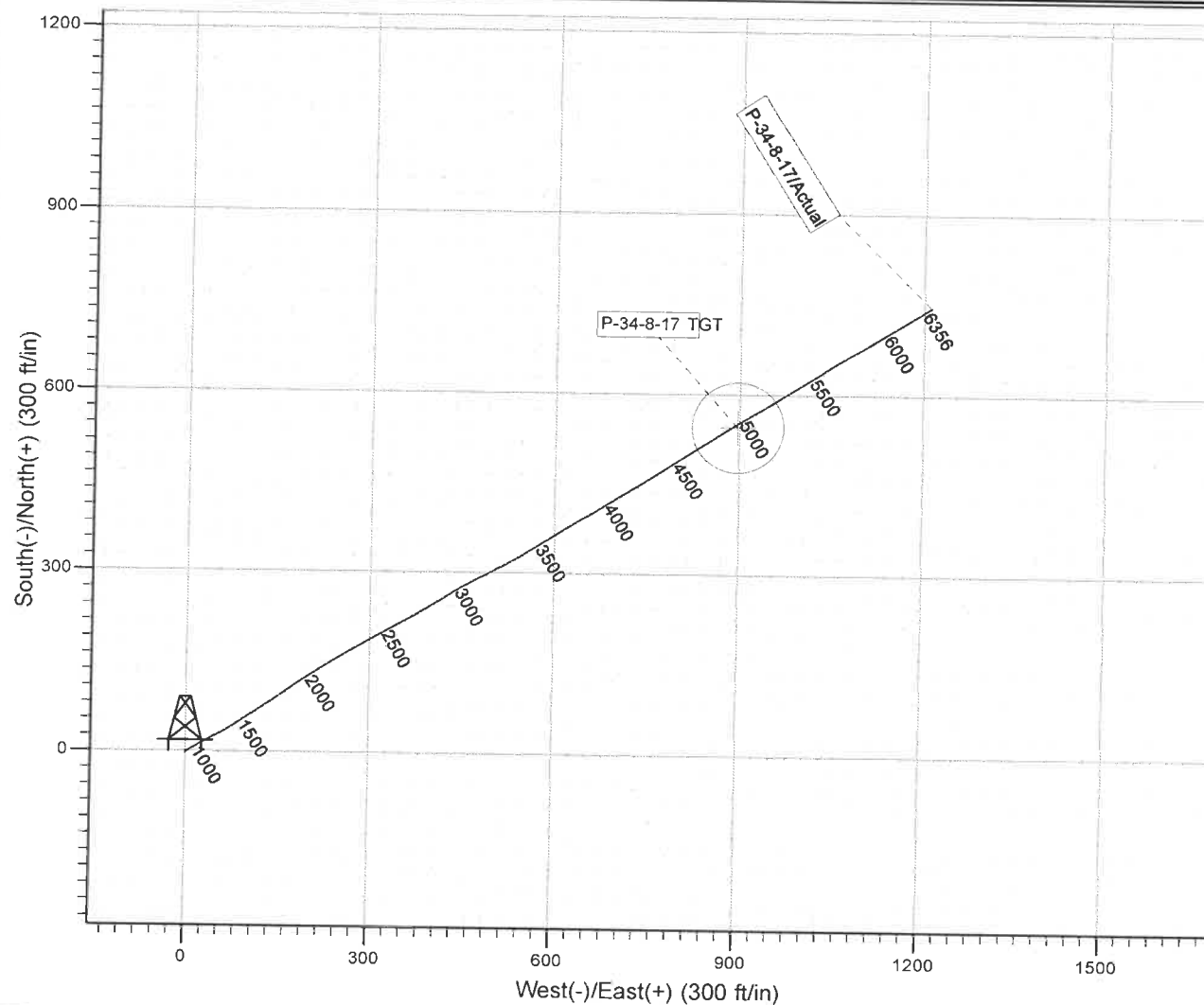
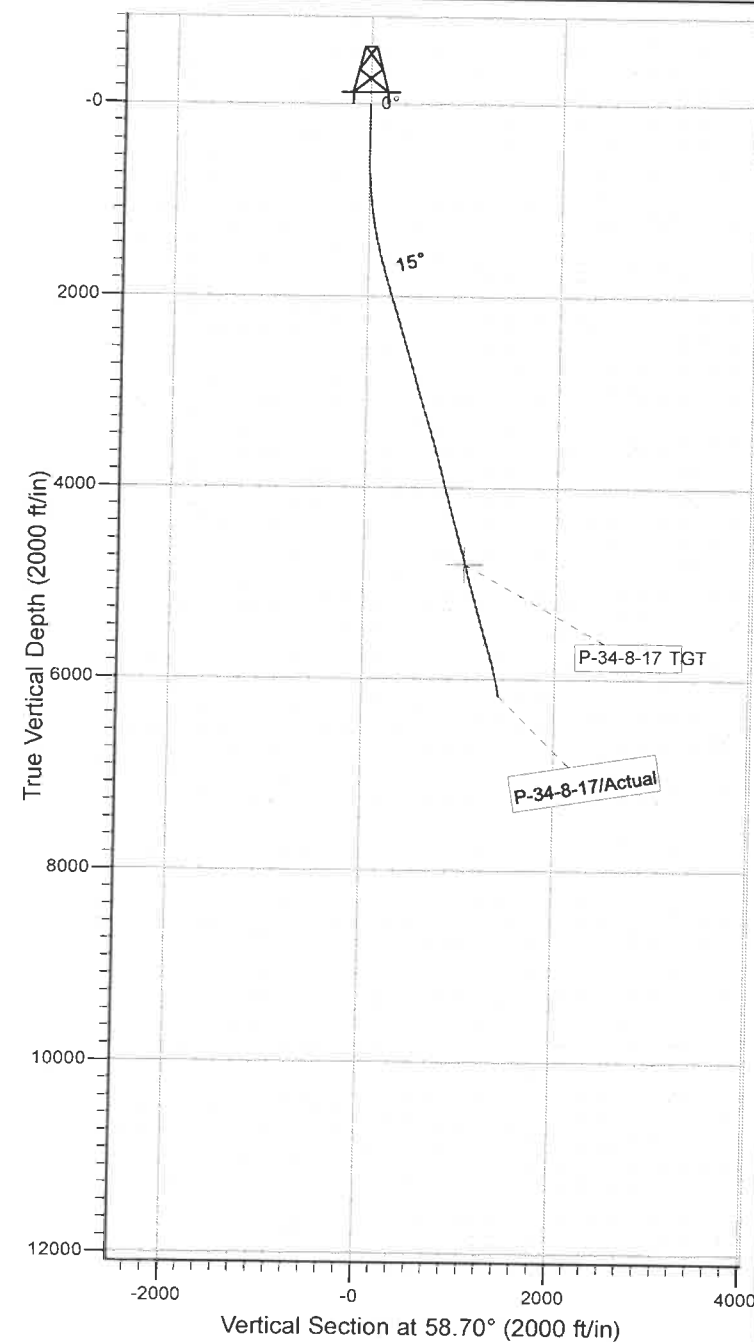


Project: USGS Myton SW (UT)
 Site: SECTION 33 T8S R17E
 Well: P-34-8-17
 Wellbore: Wellbore #1
 Design: Actual



Azimuths to True North
 Magnetic North: 11.33°
 Magnetic Field
 Strength: 52325.5nT
 Dip Angle: 65.83°
 Date: 2/21/2011
 Model: IGRF2010

Survey Number: 64341 API Well Number: 43013510280000



Design: Actual (P-34-8-17/Wellbore #1)

Created By: Sarah Webb

Date: 10:32, June 24 2013

THIS SURVEY IS CORRECT TO THE BEST OF
 MY KNOWLEDGE AND IS SUPPORTED
 BY ACTUAL FIELD DATA

NEWFIELD - DAILY DRILLING REPORT

Page 1 of 12

General Information

Well Type	Category	Prospect
D&C	DEV	Monument Butte
Well		
GMBU P-34-8-17		
County/Parish		State
Duchesne		UT
Proposed MD		Proposed TVD
6412		6215
Objective		
20 Acre Green River		

Daily Summary Information

Report No	Date	TD	TVD
S1	6/6/2013	306	306
Ft Drilled	Hrs Drilled	Daily ROP	Length of Lateral
0	0.0		
Ft Rotate	Cum Ft Rotate	Ft Slide	Cum Ft Slide
0	0	0	0
Hrs Rotate	Cum Hrs Rotate	Hrs Slide	Cum Hrs Slide
0.0	0.0	0.0	0.0

Daily Cost Information

AFE No	
41082D	
Job AFE Amt	Total AFE Amt.
\$0	\$352,491
Est. Supplement	Est MRI
\$0	
Daily Mud Cost	Cum Mud Cost
Daily Intangible	Daily Tangible
\$51,996	\$0
Daily Cost	Cumulative Cost
\$51,996	\$51,996

Rig Information

Drilling Contractor	
Rig Name	
NDSI SS#2	
Type	
LD	
Elevations	
Water Depth	0
RT - MSL	0.0
RT - ML	0.0
RT - MLH	0.0

Casing Information

Type	OD	Weight	Grade	Connection	Top MD	Top TVD	Bottom MD	Bottom TVD	Condition	Shoe Test (PPG)
Conductor	14.000	36.75	H-40	W (Welded)	10	10	6	6	DRVN	
Surface	8.625	24.00	J-55	STC (Generic)	10	10	291	291	CMT	

Daily Activities

From	To	P / U / A	Hours	Remarks
06:00	06:00	P	24.00	On 6/5/13 Pro Petro # 8 spud and drilled 306' of 12 1/4" hole, P/U and run 7 jts of 8 5/8" casing set 302.14'KB. On 6/6/13 cement w/Pro Petro w/175 sks of class G+2%kcl+.25#CF mixed @ 15.6ppg and 1.17yield. Returned 8 bbls to pit, bump plug to 250psi, BLM and State were notified of spud via email.
Summary of Operations 0:00 to 0500 hrs				Survey 3/4 deg at 270'

Directional - Surveys

No Directional Survey information acquired

Mud

Properties	Current	Previous
Report	S1	
Date	6/6/2013	
TVD		
Mud Weight		
FV		
PV		
YP		
Gels	10S	
	10M	
Filtrate	API	
	HTHP	
Cake	API	
	HTHP	
Oil Water Ratio		
% Solids		
ES		
Excess Lime		
WPS		
% LGS		
% Sands		
MBT		
pH		
Pm		
Pf		
Mf		
CI		
LCM (PPB)		
600 RPM		
300 RPM		
6 RPM		
3 RPM		
% Oil		
% Water		
Daily Mud Loss		
Cum Mud Loss	0	
Type of Mud		

Bit Info

	Current	Previous
Bit#		
Size		
Make		
Serial No		
Type		
Depth In		
Depth Out		
Cum Footage		
Cum Hours		
Cum ROP		
WOB		
TFA		
RPM Rotary		
RPM Motor		
Torque On Btm		
Torque Off Btm		
Conditions		
I		
O		
DC		
LOC		
B		
G		
ODC		
RP		
Quantity		
Size		

Hydraulics

	Current	Previous
Pump Press		
SPM		
GPM		
DP1 AV		
DC1 AV		
Jet Velocity		
HHP		
HSI		
Bit Press Drop		
%Bit Press Drop		
IMP Force		

Weather

Weather	
Wind (MPH):	
Wind Direction:	
Seas / Wave (ft):	
Temperature:	

Safety Meetings**Accidents / Incidents Information**

Accidents/Incidents ?	NO	First Aid?	NO	LTA?	NO
Accidents / Incidents Details:		Spills?	NO	Hospital?	NO

Hole Conditions

Backgrnd Gas		Pick Up Weight (1000 lbs)	
Conn. Gas		Rotating Weight (1000 lbs)	
Trip Gas		Slack Off Weight (1000 lbs)	

Personnel / Phone

Foremen	Voice
Branden Arnold	Contractor
Engineer(s)	Cellular
Zach Baldwin	435-401-0223
Misc	

Safety

Last BOPE Test:	
BOPE Test Press:	
Next BOPE Test Due:	
Personnel Onsite:	8
Pit Level Drill (sec):	
Safety Valve Drill (sec):	
Csg Swedge Actuation?	NO

Environmental

NPDES (bbls)	
Mud Sample:	
Date:	
Depth:	
Transport:	
Destination:	

Bottom Hole Assembly Summary

Cost Summary

Description	Daily	Cumulative
A Drilling - Intangible	\$41,180	\$41,180
B Drilling - Tangible	\$10,816	\$10,816
Daily Subtotal	\$51,996	\$51,996
Total	\$51,996	\$51,996

Pump Data

[illegible]

Stroke	PSI	Stroke	PSI	Stroke	PSI	Stroke	PSI

DP / DC Size

	OD	ID		OD	ID
DP1			DC1		
DP2			DC2		
DP3			DC3		

Solids Control

Shaker #	
Type	
Screen Size	
Centrifuge #	
Centrifuge	

Mud Products

[illegible]

Rig Requirements

Boat / Truck Status

Helicopter Status

24 hour Activity Summary

On 6/5/13 Pro Petro # 8 spud and drilled 306' of 12 1/4" hole, P/U and run 7 jts of 8 5/8" casing set 302.14'KB On 6/6/13 cement w/Pro Petro w/175 sks of class G+2%kcl+ 25%CF mixed @ 15.8ppg and 1.17yield. Returned 8 bbls to pit, bump plug to 250psi, BLM and State were notified of spud via email.

End of Report # S1

NEWFIELD - DAILY DRILLING REPORT

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General Information			Daily Summary Information				Daily Cost Information		Rig Information	
Well Type	Category	Prospect	Report No	Date	TD	TVD	AFE No		Drilling Contractor	
D&C	DEV	Monument Butte	1	6/14/2013	1,632	1,619	41082D			
Well			Ft Drilled	Hrs Drilled	Daily ROP	Length of Lateral	Job AFE Amt	Total AFE Amt.	Rig Name	
GMBU P-34-8-17			1,326	9.0	147.3		\$0	\$352,491	NDSI SS#2	
County/Parish	State		Est. Supplement	Est MRI		Type		LD		
Duchesne	UT		\$0							
Proposed MD	Proposed TVD		Daily Mud Cost	Cum Mud Cost		Elevations				
6412	6215		\$5,000	\$5,000		Water Depth		0		
Objective			Daily Intangible	Daily Tangible		RT - MSL		0.0		
20 Acre Green River			\$38,322	\$0		RT - ML		0.0		
			Daily Cost	Cumulative Cost		RT - MLH		0.0		
			\$38,322	\$90,318						

Casing Information

Type	OD	Weight	Grade	Connection	Top MD	Top TVD	Bottom MD	Bottom TVD	Condition	Shoe Test (PPG)
Conductor	14.000	36.75	H-40	W (Welded)	10	10	6	6	DRVN	
Surface	8.625	24.00	J-55	STC (Generic)	10	10	291	291	CMT	

Daily Activities

From	To	P / U / A	Hours	Remarks
00:00	06:00	P	06:00	Prepare for rig move. Wait on daylight
06:00	11:30	P	05:50	HSM W/Liddel Trucking & rig crews. Move rig, set buildings and carrier. Visual inspection of Derrick before raising by rig crew.
11:30	13:30	P	02:00	N/U BOP HSM W/B&C Quicktest. Pressure test BOP as follows Lower Kelley valve, pipe rams, inside valve, blind rams, kill line, choke line & manifold @ 2000 psi, Surface casing @ 1500 psi. All tests good
13:30	14:00	P	00:50	Pre spud inspection & safety meeting W Payzone Drilling on picking up BHA & Dir. Tools
14:00	15:00	P	01:00	P/U BHA & 4 HWDP tag cement @ 245' Drill out float equipment
15:00	00:00	P	09:00	Rotary & Slide drill F/306'- 1632' W 15k-20k WOB 390 GPM, 180 total RPM
Summary of Operations 0:00 to 0500 hrs				20 Acre Green River Prop. TD-6342 ERR-6/18/2013

Directional - Surveys

Survey MD	INC	AZM	TVD	Vertical Section	+N / -S	+E / -W	DLS
1,405	12.20	55.70	1,398.48	46.26	46.26	82.02	1.14
1,449	12.60	56.70	1,441.45	51.52	51.52	89.87	0.91
1,537	13.40	57.90	1,527.19	62.21	62.21	106.53	0.91
1,580	13.80	56.90	1,568.99	67.66	67.66	115.05	0.93
1,624	14.20	55.50	1,611.68	73.58	73.58	123.89	0.91

Mud Properties			Bit Info			Hydraulics			Hole Conditions			
Report	Current	Previous	Bit#	Current	Previous	Pump Press	Current	Previous	Backgrnd Gas	Pick Up Weight (1000 lbs)	90	
Date	6/14/2013	6/6/2013	Size	7.875		SPM			Conn. Gas	Rotating Weight (1000 lbs)	84	
TVD			Make	STC		GPM			Trip Gas	Slack Off Weight (1000 lbs)	70	
Mud Weight	8.3		Serial No	JH0144		DP1 AV			Personnel / Phone			
FV	28		Type	MDI2616		DC1 AV						
PV			Depth In	306		Jet Velocity						
YP			Depth Out	0		HHP			Foremen	Voice		
Gels	10S		Cum Footage	1326		HSI			Mike Braithwaite	Contractor		
10M			Cum Hours	9.0		Bit Press Drop			Engineer(s)	Fax		
API			Cum ROP	147.3		%Bit Press Drop			Zach Baldwin	Cellular	435-401-8392	
Filtrate	HTHP		WOB	0		IMP Force			Misc			
HTHP	API		TFA	1.1781		Weather			Safety			
Cake	HTHP		RPM Rotary	50								
			RPM Motor	130								
Oil Water Ratio			Torque On Btm	0		Accidents / Incidents Information			Environmental			
% Solids			Torque Off Btm	0								
ES			Conditions									
Excess Lime	0.0		I	1		Weather	Clear		Last BOPE Test:	6/14/2013	NPDES (bbls)	100.00
WPS			O	1		Wind (MPH):			BOPE Test Press:		Mud Sample:	
% LGS			DC	WT		Wind Direction:			Next BOPE Test Due:		Date:	
% Sands			LOC	S		Seas / Wave (ft):			Personnel Onsite:	8	Depth:	
MBT			B	X		Temperature:			Pit Level Drill (sec):		Transport:	
pH			G	I		Safety Meetings			Safety Valve Drill (sec):		Destination:	
Pm			ODC	NO					Csg Swedge Actuation?	NO		
PI			RP	TD								
MI			Jet Sizes									
CI			Quantity	Size		Accidents / Incidents Information			Environmental			
LCM (PPB)			6	16								
600 RPM												
300 RPM						Accidents / Incidents Details:						
6 RPM												
3 RPM												
% Oil						Bottom Hole Assembly Summary						
% Water												
Daily Mud Loss												
Cum Mud Loss	0	0										
Type of Mud	WBM											

NEWFIELD - DAILY DRILLING REPORT

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Bottom Hole Assembly Details

BHA #:		Depth In:		Depth Out:	
BHA Item:	OD:	ID:	Top Conn:	Length:	Depth:
No Bottom Hole Assembly detail provided					
Total BHA Weight:			Total BHA Length:		

Cost Summary

Description	Daily	Cumulative
A Drilling - Intangible	\$36,535	\$77,715
B Drilling - Tangible	\$1,787	\$12,603
Daily Subtotal	\$38,322	\$90,318
Total	\$38,322	\$90,318

Pump Data

Pump Number	1			
Hole or Riser	R			
Mfg and Model	PZ-9			
Pump Type	Triplex			
Rod Diameter				
Liner	6 25			
EFF	90			
Stroke	9			
BBLsPerSTK	0.07688671			
SPRDepth	1500			

Stroke	PSI	Stroke	PSI	Stroke	PSI	Stroke	PSI
70	405						

Loss Summary

[illegible]

DP / DC Size

	OD	ID		OD	ID
DP1	4.500	3.800	DC1	6.250	2.875
DP2			DC2		
DP3			DC3		

Solids Control

Shaker #	
Type	
Screen Size	
Centrifuge #	
Centrifuge	

Mud Products

[illegible]

Rig Requirements

Fuel: 39" 3007 Gallons on Hand

Boat / Truck Status

Helicopter Status

24 hour Activity Summary

Prepare for rig move, Move rig, R/U, & test BOP
P/U BHA, TIH, Drill out float equip.
Drill F/306-1632'

End of Report # 1

NEWFIELD - DAILY DRILLING REPORT

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General Information

Information		
Well Type	Category	Prospect
D&C	DEV	Monument Butte
Well		
GMBU P-34-8-17		
County/Parish	State	
Duchesne	UT	
Proposed MD	Proposed TVD	
6412	6215	
Objective		
20 Acre Green River		

Daily Summary Information

Report No	Date	TD	TVD
2	6/15/2013	4,310	4,190
Ft Drilled	Hrs Drilled	Daily ROP	Length of Lateral
2,678	23.5	114.0	
Ft Rotate	Cum Ft Rotate	Ft Slide	Cum Ft Slide
2,678	4,004	0	0
Hrs Rotate	Cum Hrs Rotate	Hrs Slide	Cum Hrs Slide
23.5	32.5	0.0	0.0

Daily Cost Information

AFE No	AFE Amt	Total AFE Amt
41082D	\$0	\$352,491
Est. Supplement	Est MRI	
\$0		
Daily Mud Cost	Cum Mud Cost	
	\$5,000	
Daily Intangible	Daily Tangible	
\$20,940	\$0	
Daily Cost	Cumulative Cost	
\$20,940	\$111,258	

Rig Information

Drilling Contractor	Rig Name
	NDSI SS#2
Type	Elevations
LD	
Water Depth	RT - MSL
0	0.0
RT - MLH	
0.0	

Casing Information

Type	OD	Weight	Grade	Connection	Top MD	Top TVD	Bottom MD	Bottom TVD	Condition	Shoe Test (PPG)
Conductor	14.000	36.75	H-40	W (Welded)	10	10	6	6	DRVN	
Surface	8.625	24.00	J-55	STC (Generic)	10	10	291	291	CMT	

Daily Activities

From	To	P / U / A	Hours	Remarks
00:00	16:00	P	16.00	Rotary & Slide drill F/1632'-3647' W/15k -20k WOB 400 GPM 180 total RPM. Avg ROP 126 FPH
16:00	16:30	P	00.50	Lubricate drilling rig. Check oil levels in drilling equipment
16:30	00:00	P	07.50	Rotary & Slide drill F/3647'-4310' W/20k-22k WOB 400 GPM, 180 RPM, 88.5 avg ROP
Summary of Operations 0:00 to 05:00 hrs				20 Acre Green River Prop. TD-6360' ERR-6/17/2013

Directional - Surveys

Survey MD	INC	AZM	TVD	Vertical Section	+N / -S	+E / -W	DLS
4,121	14.10	57.60	4,008.38	456.44	456.44	709.08	0.45
4,165	14.50	58.00	4,051.02	462.23	462.23	718.27	0.91
4,208	15.60	58.50	4,092.54	468.11	468.11	727.77	2.56
4,252	15.70	58.00	4,134.91	474.35	474.35	737.86	0.23
4,296	16.10	57.70	4,177.23	480.77	480.77	748.07	0.91

Mud

Properties	Current	Previous
Report	2	1
Date	6/15/2013	6/14/2013
TVD		
Mud Weight	8.3	8.3
FV	28	28
PV		
YP		
Gels	10S	
	10M	
Filtrate	API	
	HTHP	
Cake	API	
	HTHP	
Oil Water Ratio		
% Solids		
ES		
Excess Lime	0.0	0.0
WPS		
% LGS		
% Sands		
MBT		
pH		
Pm		
PI		
MI		
CI		
LCM (PPB)		
600 RPM		
300 RPM		
6 RPM		
3 RPM		
% Oil		
% Water		
Daily Mud Loss		
Cum Mud Loss	0	0
Type of Mud	WBM	WBM

Bit Info	Current	Previous
Bit#	1	
Size	7.875	
Make	STC	
Serial No	JH0144	
Type	MDI2616	
Depth In	306	
Depth Out	0	
Cum Footage	4004	
Cum Hours	32.5	
Cum ROP	123.2	
WOB	0	
TFA	1.1781	
RPM Rotary	60	
RPM Motor	130	
Torque On Btm	0	
Torque Off Btm	0	

Conditions	Current	Previous
I	1	
O	1	
DC	WT	
LOC	S	
B	X	
G	I	
ODC	NO	
RP	TD	

Jet Sizes	Quantity	Size
	6	16

Bottom Hole Assembly Summary

Hydraulics	Current	Previous
Pump Press		
SPM		
GPM		
DP1 AV		
DC1 AV		
Jet Velocity		
HHP		
HSI		
Bit Press Drop		
%Bit Press Drop		
IMP Force		

Weather	Current	Previous
Weather	Clear	
Wind (MPH):		
Wind Direction:		
Seas / Wave (ft):		
Temperature:		

Safety Meetings

Accidents / Incidents Information

Accidents/Incidents ?	NO	First Aid?	NO	LTA?	NO
Accidents / Incidents Details:		Spills?	NO	Hospital?	NO

Hole Conditions	Current	Previous
Bkgnd Gas		
Conn. Gas		
Trip Gas		
Pick Up Weight (1000 lbs)	120	
Rotating Weight (1000 lbs)	105	
Slack Off Weight (1000 lbs)	90	

Personnel / Phone

Foreman	Voice
Mike Braithwaite	
Contractor	Fax
Engineer(s)	Cellular
Zach Baldwin	435-401-8392
Misc	

Safety

Last BOPE Test:	6/14/2013
BOPE Test Press:	
Next BOPE Test Due:	
Personnel Onsite:	8
Pit Level Drill (sec):	
Safety Valve Drill (sec):	
Csg Swedge Actuation?	NO

Environmental

NPDES (bbls)	202.00
Mud Sample:	
Date:	
Depth:	
Transport:	
Destination:	

NEWFIELD - DAILY DRILLING REPORT

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General Information

Well Type	Category	Prospect
D&C	DEV	Monument Butte
Well		
GMBU P-34-8-17		
County/Parish	State	
Duchesne	UT	
Proposed MD	Proposed TVD	
6412	6215	
Objective		
20 Acre Green River		

Daily Summary Information

Report No	Date	TD	TVD
3	6/16/2013	5,443	5,283
Ft Drilled	Hrs Drilled	Daily ROP	Length of Lateral
1,133	23.5	48.2	
Ft Rotate	Cum Ft Rotate	Ft Slide	Cum Ft Slide
1,133	5,137	0	0
Hrs Rotate	Cum Hrs Rotate	Hrs Slide	Cum Hrs Slide
23.5	56.0	0.0	0.0

Daily Cost Information

AFE No	
41082D	
Job AFE Amt	Total AFE Amt.
\$0	\$352,491
Est. Supplement	Est MRI
\$0	
Daily Mud Cost	Cum Mud Cost
	\$5,000
Daily Intangible	Daily Tangible
\$41,917	\$0
Daily Cost	Cumulative Cost
\$41,917	\$153,175

Rig Information

Drilling Contractor	
Rig Name	
NDSI SS#2	
Type	
LD	
Elevations	
Water Depth	0
RT - MSL	0.0
RT - ML	0.0
RT - MLH	0.0

Casing Information

Type	OD	Weight	Grade	Connection	Top MD	Top TVD	Bottom MD	Bottom TVD	Condition	Shoe Test (PPG)
Conductor	14.000	36.75	H-40	W (Welded)	10	10	6	6	DRVN	
Surface	8.625	24.00	J-55	STC (Generic)	10	10	291	291	CMT	

Daily Activities

From	To	P / U / A	Hours	Remarks
00:00	17:00	P	17.00	Rotary & Slide drill F/4310'-5180' W20k-22k WOB, 400 GPM, 180 RPM, AVG ROP 51 FPH
17:00	17:30	P	00.50	Rig service Function BOP, Grease sheaves, misc. rig equipment
17:30	00:00	P	06.50	Rotary & Slide drill F/5180'- 5443'
Summary of Operations 0:00 to 0500 hrs				20 Acre GreenRiver Prop. TD-6330' ERR-6/18/2013

Directional - Surveys

Survey MD	INC	AZM	TVD	Vertical Section	+N / -S	+E / -W	DLS
5,260	15.40	57.80	5,108.81	620.22	620.22	958.40	0.91
5,304	15.50	57.30	5,151.22	626.51	626.51	968.29	0.23
5,347	15.70	56.90	5,192.64	632.79	632.79	978.00	0.46
5,391	15.80	57.40	5,234.99	639.26	639.26	988.03	0.23
5,435	15.60	57.40	5,277.34	645.68	645.68	998.06	0.45

Mud

Properties	Current	Previous
Report	3	2
Date	6/16/2013	6/15/2013
TVD		
Mud Weight	8.3	8.3
FV	27	28
PV		
YP		
Gels	10S	10M
Filtrate	API	API
Cake	API	API
Oil Water Ratio		
% Solids		
ES		
Excess Lime	0.0	0.0
WPS		
% LGS		
% Sands		
MBT		
pH		
Pm		
PI		
MI		
CI		
LCM (PPB)		
600 RPM		
300 RPM		
6 RPM		
3 RPM		
% Oil		
% Water		
Daily Mud Loss		
Cum Mud Loss	0	0
Type of Mud	WBM	WBM

Bit Info

Current	Previous
Bit#	1
Size	7.875
Make	STC
Serial No	JH0144
Type	MDI2616
Depth In	306
Depth Out	0
Cum Footage	5137
Cum Hours	56.0
Cum ROP	91.7
WOB	0
TFA	1.1781
RPM Rotary	50
RPM Motor	130
Torque On Btm	0
Torque Off Btm	0

Conditions

I	1
O	1
DC	WT
LOC	S
B	X
G	I
ODC	NO
RP	TD

Jet Sizes

Quantity	Size
6	16

Bottom Hole Assembly Summary

Hydraulics

Current	Previous
Pump Press	1,175
SPM	120
GPM	388
DP1 AV	227
DC1 AV	414
Jet Velocity	105
HHP	19
HSI	0.38
Bit Press Drop	83
% Bit Press Drop	7.0%
IMP Force	175

Weather

Weather	Clear
Wind (MPH):	
Wind Direction:	
Seas / Wave (ft):	
Temperature:	

Safety Meetings

Accidents / Incidents Information

Accidents/Incidents ?	NO	First Aid?	NO	LTA?	NO
Accidents / Incidents Details:		Spills?	NO	Hospital?	NO

Hole Conditions

Bckgrnd Gas	Pick Up Weight (1000 lbs)	160
Conn. Gas	Rotating Weight (1000 lbs)	143
Trip Gas	Slack Off Weight (1000 lbs)	115

Personnel / Phone

Foremen	Voice	
Mike Braithwaite	Contractor	
	Fax	
Engineer(s)	Cellular	435-401-8392
Zach Baldwin	Misc	

Safety

Last BOPE Test:	6/14/2013
BOPE Test Press:	
Next BOPE Test Due:	
Personnel Onsite:	8
Pit Level Drill (sec):	
Safety Valve Drill (sec):	
Csg Swadge Actuation?	NO

Environmental

NPDES (bbis)	85.00
Mud Sample:	
Date:	
Depth:	
Transport:	
Destination:	

NEWFIELD - DAILY DRILLING REPORT

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General Information

Well Type	Category	Prospect
D&C	DEV	Monument Butte
Well		
GMBU P-34-8-17		
County/Parish	State	
Duchesne	UT	
Proposed MD	Proposed TVD	
6412	6215	
Objective		
20 Acre Green River		

Daily Summary Information

Report No	Date	TD	TVD
4	6/17/2013	6,364	6,165
Ft Drilled	Hrs Drilled	Daily ROP	Length of Lateral
921	14.0	65.8	
Ft Rotate	Cum Ft Rotate	Ft Slide	Cum Ft Slide
921	6,058	0	0
Hrs Rotate	Cum Hrs Rotate	Hrs Slide	Cum Hrs Slide
14.0	70.0	0.0	0.0

Daily Cost Information

AFE No	
41082D	
Job AFE Amt	Total AFE Amt.
\$0	\$352,491
Est. Supplement	Est MRI
\$0	
Daily Mud Cost	Cum Mud Cost
\$55,075	\$5,000
Daily Intangible	Daily Tangible
\$55,075	\$0
Daily Cost	Cumulative Cost
\$55,075	\$208,250

Rig Information

Drilling Contractor	
Rig Name	
NDSI SS#2	
Type	
LD	
Elevations	
Water Depth	
RT - MSL	0.0
RT - ML	0.0
RT - MLH	0.0

Casing Information

Type	OD	Weight	Grade	Connection	Top MD	Top TVD	Bottom MD	Bottom TVD	Condition	Shoe Test (PPG)
Conductor	14.000	36.75	H-40	W (Welded)	10	10	6	6	DRVN	
Surface	8.625	24.00	J-55	STC (Generic)	10	10	291	291	CMT	

Daily Activities

From	To	P / U / A	Hours	Remarks
00:00	14:00	P	14.00	Rotary & Slide drill F/5443'-6364' TD W20k-22k WOB
14:00	14:30	P	00.50	Prepare Rig for LDDP. Check rig equipment and fluid levels
14:30	15:00	P	00.50	Circulate BTTMS up. Prepare for LayDown
15:00	20:00	P	05.00	Lay down DP to 2500' Pump 80 bbls 10 # mud lay down DP, BHA and Directional tools
20:00	23:30	P	03.50	Hold JSA - Log w/ Pioneer Wire line Triple combo
23:30	00:00	P	00.50	Wait on orders
Summary of Operations				PU DP - run to bottom for Plug and abandon
0:00 to 0500 hrs				20 GMBU
				MD- 6360' TVD - 6165'

Directional - Surveys

Survey MD	INC	AZM	TVD	Vertical Section	+N / -S	+E / -W	DLS
6,180	12.00	58.70	5,950.65	1,374.63	729.05	1,165.50	1.86
6,224	10.90	57.40	5,993.77	1,383.36	733.67	1,172.92	2.50
6,268	10.00	57.30	6,037.04	1,391.34	737.98	1,179.64	2.05
6,308	9.10	57.50	6,076.49	1,397.98	741.55	1,185.23	2.25
6,356	9.10	57.50	6,076.49	1,397.98	741.55	1,185.23	0.00

Mud

Properties	Current	Previous
Report	4	3
Date	6/17/2013	6/16/2013
TVD		
Mud Weight	8.3	8.3
FV	28	27
PV		
YP		
Gels	10S	
	10M	
Filtrate	API	
	HTHP	
Cake	API	
	HTHP	
Oil Water Ratio		
% Solids		
ES		
Excess Lime	0.0	0.0
WPS		
% LGS		
% Sands		
MBT		
pH		
Pm		
PI		
Mf		
CI		
LCM (PPB)		
600 RPM		
300 RPM		
6 RPM		
3 RPM		
% Oil		
% Water		
Daily Mud Loss		
Cum Mud Loss	0	0
Type of Mud	WBM	WBM

Bit Info

Current	Previous
Bit#	1
Size	7.875
Make	STC
Serial No	JH0144
Type	MDI2616
Depth In	306
Depth Out	6364
Cum Footage	6058
Cum Hours	70.0
Cum ROP	86.5
WOB	20
TFA	1.1781
RPM Rotary	50
RPM Motor	130
Torque On Btm	0
Torque Off Btm	0

Conditions

I	1
O	1
DC	WT
LOC	S
B	X
G	I
ODC	NO
RP	TD

Jet Sizes

Quantity	Size
6	16

Hydraulics

Current	Previous
Pump Press	1,300
SPM	120
GPM	388
DP1 AV	227
DC1 AV	414
Jet Velocity	105
HHP	19
HSI	0.38
Bit Press Drop	83
%Bit Press Drop	6.4%
IMP Force	175

Weather

Weather	
Wind (MPH):	
Wind Direction:	
Seas / Wave (ft):	
Temperature:	

Safety Meetings

Accidents / Incidents Information

Accidents/Incidents ?	NO	First Aid?	NO	LTA?	NO
Accidents / Incidents Details:		Spills?	NO	Hospital?	NO

Hole Conditions

Bckgrnd Gas	Pick Up Weight (1000 lbs)	190
Conn. Gas	Rotating Weight (1000 lbs)	173
Trip Gas	Slack Off Weight (1000 lbs)	145

Personnel / Phone

Foremen	Voice
Mike Braithwaite	Contractor
Engineer(s)	Fax
Zach Baldwin	Cellular 435-401-8392
	Misc

Safety

Last BOPE Test:	6/14/2013
BOPE Test Press:	
Next BOPE Test Due:	
Personnel Onsite:	8
Pit Level Drill (sec):	
Safety Valve Drill (sec):	
Csg Swedge Actuation?	NO

Environmental

NPDES (bbls)	69.00
Mud Sample:	
Date:	
Depth:	
Transport:	
Destination:	

Bottom Hole Assembly Summary

NEWFIELD - DAILY DRILLING REPORT

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General Information

Well Type	Category	Prospect
D&C	DEV	Monument Butte
Well		
GMBU P-34-8-17		
County/Parish	State	
Duchesne	UT	
Proposed MD	Proposed TVD	
6412	6215	
Objective		
20 Acre Green River		

Daily Summary Information

Report No	Date	TD	TVD
5	6/18/2013	6,364	6,165
Ft Drilled	Hrs Drilled	Daily ROP	Length of Lateral
0	0.0		
Ft Rotate	Cum Ft Rotate	Ft Slide	Cum Ft Slide
0	6,058	0	0
Hrs Rotate	Cum Hrs Rotate	Hrs Slide	Cum Hrs Slide
0.0	70.0	0.0	0.0

Daily Cost Information

AFE No	
41082D	
Job AFE Amt	Total AFE Amt.
\$0	\$352,491
Est. Supplement	Est MRI
\$0	
Daily Mud Cost	Cum Mud Cost
\$30,199	\$5,000
Daily Intangible	Daily Tangible
\$30,199	\$0
Daily Cost	Cumulative Cost
\$30,199	\$238,449

Rig Information

Drilling Contractor	
NDSI SS#2	
Rig Name	Type
	LD
Elevations	
Water Depth	0
RT - MSL	0.0
RT - ML	0.0
RT - MLH	0.0

Casing Information

Type	OD	Weight	Grade	Connection	Top MD	Top TVD	Bottom MD	Bottom TVD	Condition	Shoe Test (PPG)
Prod 1										
Conductor	14 000	36.75	H-40	W (Welded)	10	10	6	6	DRVN	
Surface	8 625	24.00	J-55	STC (Generic)	10	10	291	291	CMT	

Daily Activities

From	To	P / U / A	Hours	Remarks
00:00	06:00	P	06.00	Trip in hole w/ open DP to 6300' for Plug
06:00	11:00	P	05.00	Wait on orders and Plug plans - Circulate pipe
11:00	16:30	P	05.50	Wait on Baker Hughes
16:30	18:30	P	02.00	Hold JSA and Rig up Baker Hughes
18:30	19:00	P	00.50	Pump 25 bbls of class G 15.8 ppg cmt plug # 1 @ 6300'
19:00	19:30	P	00.50	pull out to 5800'
19:30	20:30	P	01.00	Pump 25 bbls of class G 15.8 ppg cmt plug # 2 @ 5800'
20:30	21:00	P	00.50	Pull out to 4936'
21:00	00:00	P	03.00	Clear pipe and circulate w/ rig pump. Wait on CMT to tag
Summary of Operations 0:00 to 05:00 hrs				Tag CMT on plug # 2 @ 5280' - CMT plugs # 3 and # 4 GMBU 20 MD- 6360' - TVD - 6165'

Directional - Surveys

Survey MD	INC	AZM	TVD	Vertical Section	+N / -S	+E / -W	DLS
6,180	12.00	58.70	5,950.65	1,374.63	729.05	1,165.50	1.86
6,224	10.90	57.40	5,993.77	1,383.36	733.67	1,172.92	2.50
6,268	10.00	57.30	6,037.04	1,391.34	737.98	1,179.64	2.05
6,308	9.10	57.50	6,076.49	1,397.98	741.55	1,185.23	2.25
6,356	9.10	57.50	6,076.49	1,397.98	741.55	1,185.23	0.00

Mud Properties

Report	Current	Previous
Date	6/18/2013	6/17/2013
TVD		
Mud Weight		8.3
FV		28
PV		
YP		
Gels	10S	
	10M	
Filtrate	API	
	HTHP	
Cake	API	
	HTHP	
Oil Water Ratio		
% Solids		
ES		
Excess Lime		0.0
WPS		
% LGS		
% Sands		
MBT		
pH		
Pm		
PI		
MI		
CI		
LCM (PPB)		
600 RPM		
300 RPM		
8 RPM		
3 RPM		
% Oil		
% Water		
Daily Mud Loss		
Cum Mud Loss	0	0
Type of Mud		WBM

Bit Info

Current	Previous
Bit#	1
Size	7.875
Make	STC
Serial No	JH0144
Type	MDI2616
Depth In	306
Depth Out	6364
Cum Footage	6058
Cum Hours	70.0
Cum ROP	86.5
WOB	20
TFA	1.1781
RPM Rotary	50
RPM Motor	130
Torque On Btm	0
Torque Off Btm	0

Conditions

I	1
O	1
DC	WT
LOC	S
B	X
G	X
Pm	I
ODC	NO
RP	TO

Jet Sizes

Quantity	Size
6	16

Bottom Hole Assembly Summary

Hydraulics

Current	Previous
Pump Press	1,300
SPM	120
GPM	388
DP1 AV	227
DC1 AV	414
Jet Velocity	105
HHP	19
HSI	0.38
Bit Press Drop	83
%Bit Press Drop	6.4%
IMP Force	175

Weather

Weather	
Wind (MPH):	
Wind Direction:	
Seas / Wave (ft):	
Temperature:	

Safety Meetings

Accidents / Incidents Information

Accidents/Incidents ?	NO	First Aid?	NO	LTA?	NO
Accidents / Incidents Details:		Spills?	NO	Hospital?	NO

Hole Conditions

Bckgrnd Gas	Pick Up Weight (1000 lbs)
Conn. Gas	Rotating Weight (1000 lbs)
Trip Gas	Slack Off Weight (1000 lbs)

Personnel / Phone

Foremen	Voice
Mike Braithwaite	Contractor
	Fax
Engineer(s)	Cellular
Zach Baldwin	Misc
	435-401-8392

Safety

Last BOPE Test:	6/14/2013
BOPE Test Press:	
Next BOPE Test Due:	
Personnel Onsite:	8
Pit Level Drill (sec):	
Safety Valve Drill (sec):	
Csg Swedge Actuation?	NO

Environmental

NPDES (bbls)	0.00
Mud Sample:	
Date:	
Depth:	
Transport:	
Destination:	

EWFIELD - DAILY DRILLING REPORT

Page 1 of 2

General Information

Well Type	Category	Prospect
D&C	DEV	Monument Butte
Well		
GMBU P-34-8-17		
County/Parish	State	
Duchesne	UT	
Proposed MD	Proposed TVD	
6412	6215	
Objective		
20 Acre Green River		

Daily Summary Information

Report No	Date	TD	TVD
6	6/19/2013	6,364	6,165
Ft Drilled	Hrs Drilled	Daily ROP	Length of Lateral
0	0.0		
Ft Rotate	Cum Ft Rotate	Ft Slide	Cum Ft Slide
0	6,058	0	0
Hrs Rotate	Cum Hrs Rotate	Hrs Slide	Cum Hrs Slide
0.0	70.0	0.0	0.0

Daily Cost Information

AFE No	
41082D	
Job AFE Amt	Total AFE Amt.
\$0	\$352,491
Est. Supplement	Est MRI
\$0	
Daily Mud Cost	Cum Mud Cost
	\$5,000
Daily Intangible	Daily Tangible
#Error	#Error
Daily Cost	Cumulative Cost
#Error	#Error

Rig Information

Drilling Contractor	
Rig Name	
NDSI SS#2	
Type	
LD	
Elevations	
Water Depth	0
RT - MSL	0.0
RT - ML	0.0
RT - MLH	0.0

Logging Information

Type	OD	Weight	Grade	Connection	Top MD	Top TVD	Bottom MD	Bottom TVD	Condition	Shoe Test (PPG)
Prod 1										
Conductor	14.000	36.75	H-40	W (Welded)	10					
Surface	8.325	24.00	J-55	STC (Generic)	10	10	6	6	DRVN	
							291	291	CMT	

Daily Activities

From	To	P/U/A	Hours	Remarks
0:00	01:00	P	01.00	Trip in and tag plug cmt @ 5280' - Trip out to 3897' for next plug
1:00	02:00	P	01.00	CMT plug # 3 W/ class G neat 15.8 ppg 120 sks cmt 1.16 yield
2:00	03:00	P	01.00	Trip out to 1576' for next plug
3:00	03:30	P	00.50	CMT plug # 4 w/ class G neat 15.8 ppg 120 sks cmt 1.15 yield
3:30	04:00	P	00.50	Trip out to 744'
4:00	07:30	P	03.50	Clear pipe and circulate w/ rig pump wait on cmt for tag
7:30	09:00	P	01.50	Trip in hole tag CMT @ 1200' - Trip out to 350' for final plug
9:00	09:30	P	00.50	CMT final plug from 350' - surface w/ class G neat 15.8# 120 sks cmt 1.15 yield - good cmt returns
9:30	10:00	P	00.50	Trip out of hole and flush DP - estimated CMT top 35'
0:00	11:00	P	01.00	Rig down Baker Hughes
1:00	15:00	P	04.00	Clean pits and release rig @ 3:00 pm on 6/19/13

Summary of Operations
0:00 to 0500 hrs

Directional - Surveys

Survey MD	INC	AZM	TVD	Vertical Section	+N/-S	+E/-W	DLS
6,180	12.00	58.70	5,950.56	1,374.63	729.05	1,165.90	1.86
6,224	10.90	57.40	5,993.77	1,383.36	733.67	1,172.92	2.50
6,268	10.00	57.30	6,037.04	1,391.34	737.98	1,179.64	2.06
6,308	9.10	57.50	6,076.49	1,397.98	741.55	1,185.23	2.25
6,356	9.10	57.50	6,076.49	1,397.98	741.55	1,185.23	0.00

Tool

Properties	Current	Previous
Report	6	5
MD	6/19/2013	6/18/2013
VD		
Weight		
V		
P		
Tests	10S	
	10M	
Filterate	API	
	HTHP	
Make	API	
	HTHP	
Water Ratio		
Solids		
S		
Excess Lime		
PS		
LGS		
Sands		
BT		
H		
m		
f		
y		
I		
CM (PPB)		
10 RPM		
10 RPM		
RPM		
RPM		
Oil		
Water		
Daily Mud Loss		
Cum Mud Loss	0	0
Wpo of Mud		

Bit Info

Current	Previous
Bit#	1
Size	7 9/16
Make	STC
Serial No	JH0144
Type	MD2816
Depth In	306
Depth Out	6364
Cum Footage	6058
Cum Hours	70.0
Cum ROP	86.5
WOB	20
TFA	1,1781
RPM Rotary	50
RPM Motor	130
Torque On Btm	0
Torque Off Btm	0

Conditions

I	1
O	1
DC	WT
LOC	S
B	X
G	I
ODC	NO
RP	TD

Jet Sizes

Quantity	Size
6	16

Hydraulics

Current	Previous
Pump Press	
SPM	
GPM	
DP1 AV	
DC1 AV	
Jet Velocity	
HHP	
HSI	
Bit Press Drop	
%Bit Press Drop	
IMP Force	

Weather

Weather	
Wind (MPH)	
Wind Direction	
Seas / Wave (ft)	
Temperature	

Safety Meetings

Hole Conditions

Bkgmd Gas	Pick Up Weight (1000 lbs)
Conn. Gas	Rotating Weight (1000 lbs)
Trip Gas	Slack Off Weight (1000 lbs)

Personnel / Phone

Foreman	Voce
Mike Braithwaite	Contractor
	Fax
Engineer(s)	Cellular
Zach Baldwin	Misc
	435-401-8392

Safety

Last BOPE Test:	6/14/2013
BOPE Test Press:	
Next BOPE Test Due:	
Personnel Onsite:	8
Pit Level Drill (sec):	
Safety Valve Drill (sec):	
Csg Swedge Actuation?	NO

Environmental

NPDES (bbls)	0.00
Mud Sample:	
Date:	
Depth:	
Transport:	
Destination:	

Accidents / Incidents Information

Accidents/Incidents?	NO	First Aid?	NO	LTA?	NO
Accidents / Incidents Details:		Spills?	NO	Hospital?	NO

Bottom Hole Assembly Summary

SMITH BIT	MONEL
HUNTING MOTOR	32 HWOP
MONEL	
GAP SUB	
INDEX SUB	

Cost Summary

Description		Daily	Cumulative
A	Drilling - Intangible	\$39,294	\$265,140
B	Drilling - Tangible	\$0	\$12,603
Daily Subtotal		\$39,294	\$277,743
Total		\$39,294	\$277,743

[illegible]

Loss Summary

[illegible]

	OD	ID		OD	ID
DP1	4.500	3.800	DC1	6.250	2.875
DP2			DC2		
DP3			DC3		

maker #	
pe	
reen Size	
ntrifuge #	
ntrifuge	

[illegible]

Fuel: 23" 2499 Gallons on Hand used 366

1 hour Activity Summary

End of Report # 6